SCIENTIFICS DIRECT®

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SCIENCE

TECHNOLOGY

ENGINEERING

MATH

At ***SCIENTIFICS DIRECT***, our mission is to inspire science-enthusiasts and their children to explore the essential ***STEM*** disciplines through our carefully selected gifts and kits. You may shop with confidence as our products are guaranteed to cultivate knowledge and creativity in yourself and others!

Over **1,000** unique products stocked everyday

Dozens of **EXCLUSIVE products** you'll find nowhere else

Gift-Wrapping Service available

Same-day shipping on orders placed by 3pm EST

30-day Satisfaction Guarantee

GIFT WRAPPING

*Save time by letting us professionally wrap your gifts for you! Note: Chaos Tower (p74), DIY Vintage Pinball (p7), Stanley Jr. Work Bench (p36) and all Telescopes are excluded from the gift wrap service.

FREE SHIPPING

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DIY Has NEVER Rocked Like This!

Create your own playable electric guitar out of carboard and circuits! The 'strings' and controls on this DIY guitar are actually safe conductive tape strips. Once you connect them to the main electronics module, you'll be able to shred like a real guitar rock hero! Use the 6 'strings' to play over 60 notes with 3 background loops. Includes 22 pieces with all necessary electronics and cardboard. Requires 3 AA batteries (not included). For ages 8+.

NEW! **DIY Cardboard Electric Guitar Kit**
#3156988.....$39.95

Own & Command a Dragon with Personality

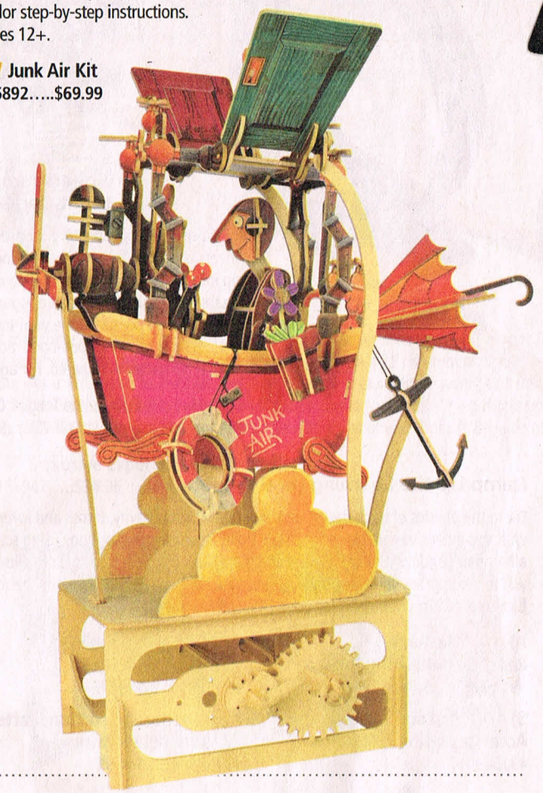
With a tongue almost as long as its own body, this LED color-changing dragon walks, swings and eats at your command! Flick out his extending magnetic tongue with the press of a button and it will lap up its prey (4 bug tokens included), wag its tail and make sounds. Frequency: 2.4G for up to 100'. Measures 9.8" x 4.3" x 5.1". Requires 6 AAA batteries (not included). Pre-assembled. For ages 4+.

NEW! **RoboDragon**
#3156973.....$34.95

A Fully-Colorized Steampunk Wood Automata Kit

For the advanced hobbyist, this 110-piece kit features colorfully printed (and pre-cut) pine wood pieces that assemble into an aircraft looking like it flew straight out of a Jules Verne novel! Just crank the handle and watch the plane swoop and dive! No glue or tools required. Assembled model measures 14.5" x 12" x 18". Includes full color step-by-step instructions.
For ages 12+.

NEW! **Junk Air Kit**
#3156892.....$69.99



A Programmable Talking Robot

This programmable Bluetooth® robot kit allows you to record voice messages and enhance them with different effects and sound filters. An augmented reality robot game and a walkie-talkie communication system are two of the 7 different interactive play features unique to this robot. Download the free app to your smart device to control this robot with block-based programming by entering commands, actions, cycles and procedures. Kit includes 34 components with 2 motors. No soldering required. Requires 4 AA batteries (not included). For ages 8+.

NEW! **Cyber Talk Robot**
#3156902.....$84.95

Explore Steam Engine Technology

Experiment with the science of steam power as you construct your own steam engine. Featuring real steam emission and whistle blowing, you'll assemble working value gear mechanisms as you learn about steam engine technology. Measures 10.5" x 8.5" x 8.5". Includes 140+ pieces and a 22-page illustrated instruction manual. Use of distilled water recommended. Requires 4AA batteries (not included). For ages 10+.

NEW! **Amazing Steam Engine**
#3156962.....$79.95

Destruction No Longer Limited to "Sunday! Sunday! Sunday!"

With its roof mounted camera, you'll view and record video of all the action on your smartphone directly from the driver's point of view! Connect your smartphone to thehand controller to view the ride in real time as you drive (First Person View). Or simply use your smartphone to control this 4-wheel drive monster truck. Download the app (iOS or Android) and the phone connects to the truck's camera via WiFi. Features built-in 40MP camera. 1:18 scale. WiFi control up to 130 feet. Includes 4.8V NiCd rechargeable battery Requires 3 AA batteries (not included). For ages 8+.

NEW! **XDrone Metal Crawler**
#3156983…..$84.95

Hi-Speed Jumping Stunt Car Game

Race two stunt cars on a loop-de-loop inversion track and send them flying off a ramp into a spinning target! Land your racer in the target slot that matches your score card to rack up points for the win! Includes 33 pieces with 2 pull-back race cars. Track length: 144" (12'). No batteries required. For ages 3+.

NEW! **SpinForce Target Chase**
#31539675…..$34.95

Ramp Up the Learning (and the Fun!)

Learn the physics of track design and experiment with gravity, forces and levers with this extensive modular science lab. Build ingenious contraptions using scales, a hammer pendulum, slides, towers and more! This versatile track system allows you to incorporate your surroundings into your designs by using books, shoeboxes, furniture, etc. This deluxe kit Includes 145+ pieces. For ages 8+.

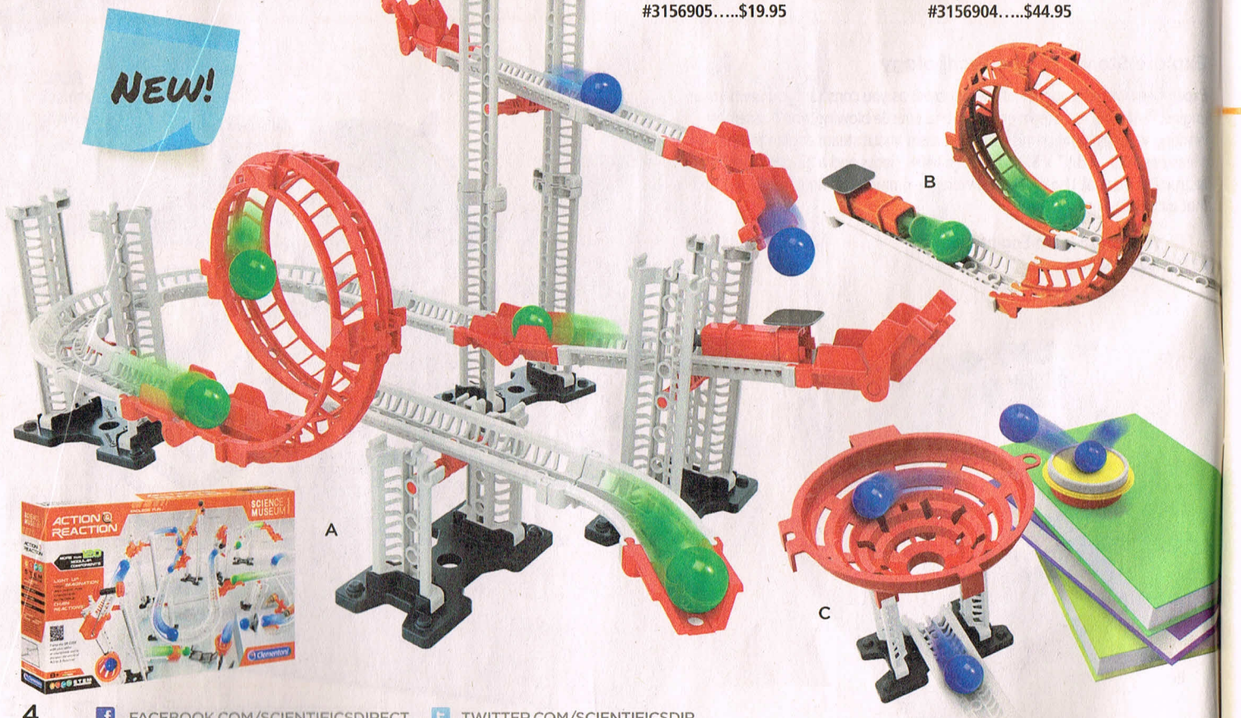
A) *NEW!* Action & Reaction Deluxe Set (145+ parts)
#3156903…..$84.95

B) *ADD* the Loop the Loop Accessory with Accelerator
#3156905…..$19.95

C) *ADD* the Trampoline Accessory with Vortex
#3156906…..$19.95

***NEW!* Action & Reaction Starter Set** (50 parts- not shown)
#3156904…..$44.95

NEW!



Create Over 100 Different Slimes!

With this kit you'll earn your doctorate in Slimeology with recipes for 100 slime variations including Metallic slime, Emoticon slime, Fluorescent slime, Eraser slime, Modeling slime, Flowing slime, Crumbly slime, Alien slime, Bouncing slime, Stress-Busting slime, Granular slime, Solidifying slime, Pearly & Neon slime and many more! You'll be asked to provide some common household ingredients like water, sugar, spoon, shaving foam, powdered cocoa, etc. For ages 8+ with adult supervision.

NEW! **Doctor Slime Kit**
#3156948…..$49.95

Do Your Kids Love It When Things Go "BOOM"?

First off, all the explosions in this kit are harmless and super safe. Now that we got THAT out of the way, let's have some fun! There's plenty to do here creating 21 different explosions above AND below water. From colorful bubbles and 'fireworks' oil to exploding 'snakes' and volcanic eruptions, kids will discover the science behind a multitude of explosions while being thoroughly entertained. Expect it to be loud, messy and, yes, even a little stinky at times! For ages 8+ with adult supervision.

NEW! **Explosive Experiments Laboratory**
#3156947…..$34.95

NEW!

Create & Magnetically Animate Putty & Slime 'Creatures'

Combine the power of magnetism with some really cool chemistry and then stir in a fun 24-page illustrated experiment guide and what do you get? Kids that LOVE science, that's what! Totally unique in its approach, this kit engages kids by helping them create polymers and fluids they can then manipulate with magnets. Plus their imaginations will turn their blobs into beasts when they add the included monster eyes and noses. For ages 8+ with adult supervision.

NEW! **Fluids & Magnetic Creatures**
#3156945…..$29.95

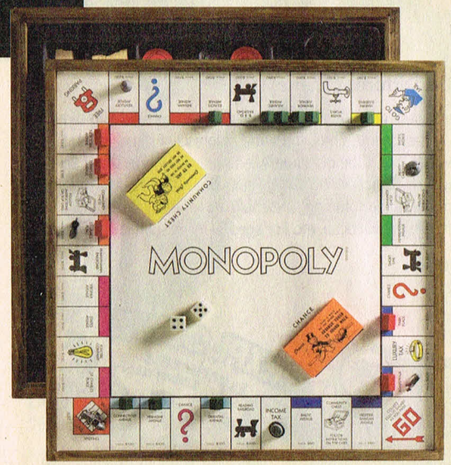
- These Crazy Kits Will Get Them Hooked on Science!

MADE IN ITALY • MADE IN ITALY • MADE IN ITALY

7 Reactions that Definitely Get a Big Reaction!

Are your kids easily bored? This variety pack of science experiments will shake up their interest and curiosity- guaranteed! Creating colored slime, artificial snow, beautiful crystals and quicksand will grab their interest. Now proceed to make a volcano erupt and set off some fun (but safe) mini-explosions! And did we mention that they'll assemble a skeleton friend as their lab assistant too? Includes fully illustrated clear (and fun) 16-page instructions. For ages 8+.

NEW! **Mad Scientist's Big Laboratory**
#3156949…..$49.95



5-in-1 Heirloom-Quality Wood Gift Set

Lift the wood Monopoly game board off the top of this deluxe wood cabinet to reveal all the game components stored neatly inside. Now flip the game board over to discover the Chess/Checkers board on its opposite side! This 5-in-1 wooden gift set is an officially licensed version of classic Monopoly with premium game components including die-cast metal movers, solid wood houses and hotels, and a solid wood banker's tray. Plus, it includes Chess & Checkers, Poker dice and the fast dealing Monopoly Deal card game! Game board measures 16.75" x 16.75" x 2.5". For ages 8+.

NEW! **Vintage Monopoly 5-in-1 Game in Deluxe Wood Case**
#3157091.....$109.99

HEIRLOOM QUALITY

Give the Gift of Global Domination

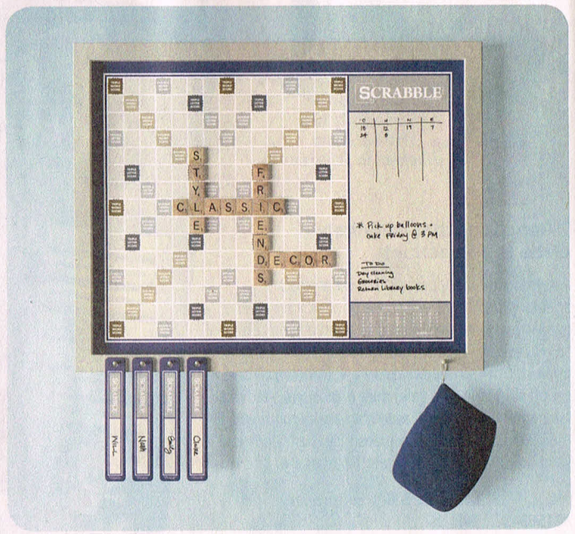
A wood storage cabinet conveniently doubles as the actual game board in this deluxe 60th anniversary edition of the classic Game of Global Domination! This heirloom quality gift set is an officially licensed version of the traditional RISK game you've come to love. Complete with cards, dice, solid wood armies and Commander's Manual- all inside a hinged wood game case. Game board measures 27.5" x 19.75" x 1". For 2-6 players ages 10+.

NEW! **Vintage Risk Game in Deluxe Wood Case**
#3157092.....$109.99

One Word for Super-Sized Magnetic Scrabble? EXTRAORDINARY!

Whether mounting it to your kitchen wall for everyday family competition or for displaying at your next party for team play, this over-sized, magnetic version of Scrabble is certain to cause plenty of excitement. Play in real time or over the course of several days. The magnetic tiles attach securely to the board and to each player's hanging tile rack. This wall-mounted gameboard with wooden frame doubles as a dry erase board so you can easily keep score - or leave messages for your opponents! Includes 100 magnet-backed wood tiles, 4 metal tile racks, fabric pouch and dry erase marker. Measures 30" x 24" x 1.25".

Deluxe Scrabble 2-in-1 Magnetic Wall Edition
#3156582.....$109.99



BEST BUILT TOGETHER®

BEST BUILT TOGETHER® projects are proudly made in the USA using safe, quality plywood and are designed specifically to be experienced together - with either family or friends. Build confidence, refine your focus and have fun together while investing in time well spent!

PRESENTS...

IT'S HAMMER TIME!

Build and design your own heirloom game with this classic wood kit available only at SCIENTIFICS. Unpowered and flipper-less, vintage pinball instead relies on the force applied to the cue strike, gravity and some skill to score points. Popularized in pubs across Europe, the origins of 'bagatelle' can be traced back to games like billiards, pachinko, and even croquet. It's a fantastic addition to any family game room!

Our step-by-step illustrated instructions will guide you through the assembly of this tabletop-sized (30" x 15" x 2.25") bagatelle game.

Includes 15 quality plywood pieces, 100+ nails, 10 marbles and scoring stickers. The supplied template makes it easy to hammer in the nail game board pattern. You supply the hammer, wood glue, and clamps. For ages 8+ with adult supervision.

DIY Vintage Pinball Kit
#3156964.....$89.95

Professionally Customize Your Wood Kit

This woodburning kit features everything you need to upgrade the look of your DIY Vintage Pinball Kit. Plus, make 10 other small projects in wood, leather and cork. For ages 14+.

NEW! **Woodburning Tool Kit**
#3155347.....$29.95

Own a Piece of the Most Significant Scientific Achievement in Human Spacecraft History

For a limited time, you can own an actual piece of the "one giant leap for mankind." Accompanied by a certificate of authenticity, these commemorative prints of the 50th anniversary of the Apollo 11 Moon landing features a space-flown fragment of Kapton thermal insulation removed from the actual Apollo 11 Command Module. Certificate of Authenticity is adhered to the back. Framed behind glass in a museum-quality collectible, these limited-edition prints are destined to become a family heirloom, treasured for generations to come.

Act quickly - Limited to 1,969 pieces

A) *NEW!* **Saturn V 50th Anniversary Framed Print with Kapton** (8" x 20")
#3157020…..$199.95

B) *NEW!* **Apollo 11 50th Anniversary Framed Print with Kapton** (11" x 14")
#3157019…..$179.95

MADE IN USA

Limited Edition Signed by NASA's Youngest Moon Walker

At only 37 years old, Apollo 16's Lunar Module Pilot Charlie Duke became the youngest person to walk on surface of the Moon. Personally signed by the astronaut himself, this limited-edition framed print commemorates Duke's 1972 moon walk. Accompanied by a certificate of authenticity, this NASA collectable measures 17.5" x 14.5" – a perfect gift for any astronomy enthusiast or fan of American history.

NEW! **Astronaut Charlie Duke Limited Edition Signed Print**
#3157094…..$199.95

Why Everyone Wants the Astroscan® Millennium

The Astroscan® Millennium Telescope is a precision instrument that provides powerful, razor sharp views of our universe. This telescope takes the intimidation out of astronomy. Many testify that their Astroscan® Millennium is the best overall family telescope for the money. Here's why:

What You Will Experience:

- A telescope that is easy to use, simple to position and effortless to transport
- A device designed so efficiently that even the inexperienced will feel confident navigating its controls
- A tool you'll trust year after year because of its durable engineering and reliable performance

What You Will View:

Using the Astroscan® Millennium, you'll immediately be able to take in breath-taking views of the Moon and the night sky. Using the correct eyepiece, with time and patience, you'll soon be marveling at:

- Saturn with its majestic rings and its largest moon Titan
- Mars with its white polar ice cap and orange deserts
- Jupiter and its four largest moons: Io, Callisto, Europa, and Ganymede
- Venus - see the 4 phases of the most luminous of the planets
- View colorful double stars like Albireo and other deep sky wonders including the Pleiades star cluster, the Orion Nebula, and the Andromeda Galaxy

What You Will Own:

The Astroscan® Millennium Telescope with the 4.5" wide aperture is available in our Basic Introductory Model Kit and an Enhanced Deluxe Kit.

FREE to All Teachers / Librarians

Inquire about our teacher's lesson plan for using the Astroscan® as a teaching tool. This professionally written curriculum is in compliance with current Common Core and Next Gen educational standards. It is available as a FREE download to qualified schools, libraries and astronomy clubs with the purchase of the Astroscan®!

EXCLUSIVE

ASTROSCAN® MILLENNIUM

Portable, Powerful & Easy-to-Use

The PERFECT Telescope for the Entire Family

Astroscan® Millennium Telescope

INCLUDES:

- Optical Tube with Large **114mm** (4.5") Aperture
- 17 mm Eyepiece
- 10 mm Eyepiece
- Red Dot Finderscope
- Complete Operation & Maintenance Manual
- Scientifics Exclusive Star & Planet Locator

#7000002
SALE $199
reg. $219

Astroscan® Millennium Promo Kit

ALSO INCLUDES:

- Universal Smartphone Adapter
- RedSight Flashlight
- 2.5x Barlow Lens (This lens will more than DOUBLE the magnification of the included eyepieces)
- Limited 2-Year Warranty

#3156807
SALE $294
reg. $339

Science Value Pack- An INCREDIBLE Deal

This 2-in-1 beginner's science set includes easy-to-use instruments with accessories and instructions for one LOW price! Microscope: 8.5" plastic microscope with 100x, 450x and 900x magnification includes accessories like 15 blank slides with slip covers and labels, tweezers, etc. Great for viewing plants, insects, fabrics, etc. Telescope: 40mm aperture telescope includes 10mm and 20mm eyepieces and a tabletop tripod with mount. Great for viewing the Moon and terrestrial objects when using the included diagonal mirror. For ages 8+.

NEW! **Deluxe Set Microscope & Telescope**
#3156967…..$59.95

Beginner Scope Includes Smartphone Adapter

This portable 50mm sport telescope is great for beginners and loaded with features. The 3x Barlow lens triples the magnification of the included 4mm and 20mm eyepieces. The universal smartphone adapter enables you to use your smartphone to capture images and video for sharing as well as increasing potential magnification. The diagonal mirror permits you to view terrestrial objects as well making this sport scope great for nature viewing (like birdwatching), too. Features 36" aluminum tripod. For ages 8+.

NEW! **Sport Telescope w/Smartphone Adapter**
#3156985…..$99.95

INTERACTIVE TRACK SYSTEM

GRAVITRAX

EXPERIENCE THE POWER OF GRAVITY

Put Gravity & Magnetism to Work... For You!

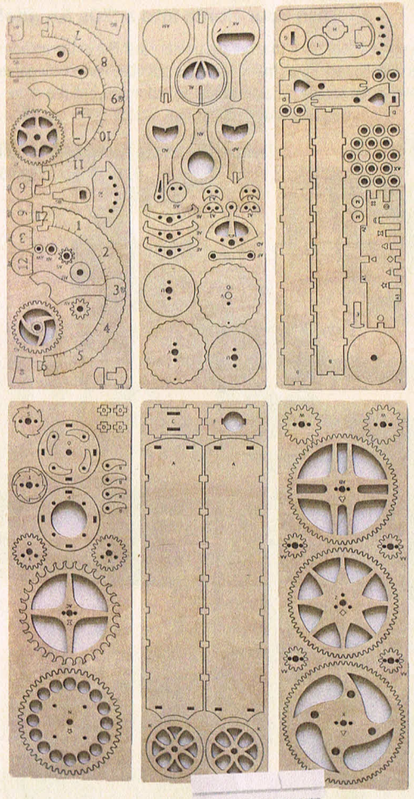
This interactive track system enables you to design and build your own marble runs. Experiment with gravity, magnetism, and kinetics to propel your marble to the finish. The open-ended building concept offers endless possibilities to design a different track every time you play. With a variety of tiles, levels, tracks and elements, you can control the speed of the marble. An instruction book guides you through 18 different construction elements using 100+ pieces. For ages 8+.

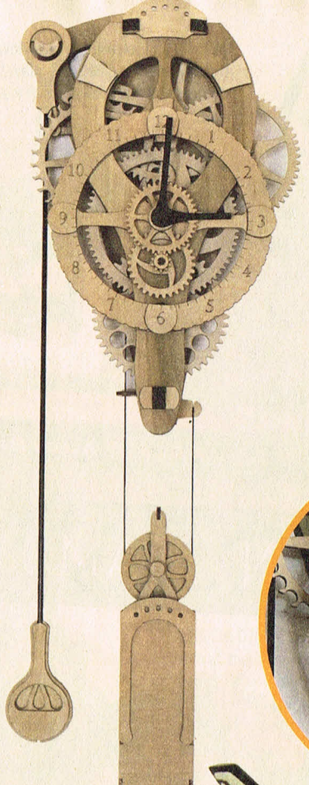
GraviTrax XXL + FREE Magnetic Levitator
#3157058…..$129.95

PAL AWARD playonwords.com

Top Holiday Toys! The Toy Insider 2018 Award Winner

FREE GIFT WITH PURCHASE ($10.00 VALUE)

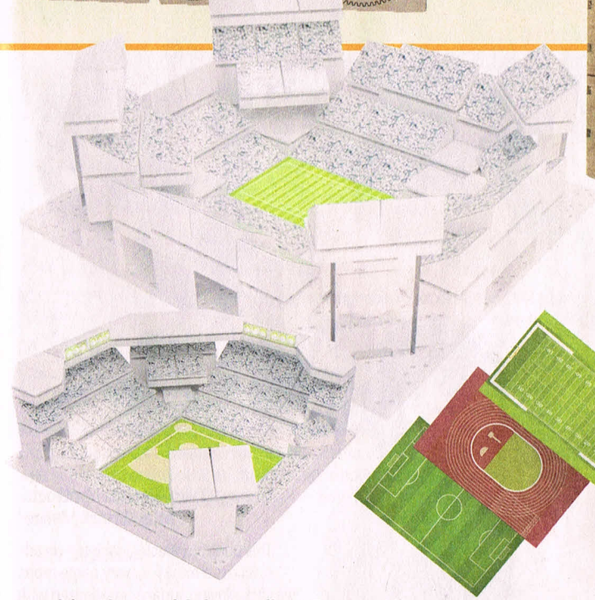




Our Highest Quality Hand-Crafted Wood Kit

An homage to the clockmakers of years past, the intricate clock kit is powered by a falling counterweight and measures the minutes with a gently swaying pendulum. No batteries are required. Includes over 100 parts precision cut from select birch plywood and the best grades of poplar hardwood. This timepiece features 12 bearings, carbon fiber axles, and comprehensive instructions. Once assembled measures 6.5" W x 22" H x 4" D. For the experienced hobbyist with patience and careful attention to detail (ages 14+).

NEW! **Deluxe 'Vera' Mechanical Clock Kit**
#3157051…..$89.95



World's First Multiple Stadium Design Kit

Construct miniature stadiums for 5 different sports with unlimited possibilities with this 200+ piece kit. Instructions for assembling a Football, Baseball, Soccer, Rugby or Olympics-style stadium are included plus matching field cards to complete the design. You can even use your smartphone as the field to bring the stadium to life! Sizes vary but approx. measure 8" x 9" x 3.5". Perfect for any sports fans ages 10+.

NEW! **Sports Stadiums Kit**
#3157080…..$149.95

Includes Authentic Atlantis Cargo Bay Liner Fragment

Made from mahogany and painted in the same scheme as the original, this detailed Space Shuttle Atlantis model is the perfect gift for any astronomy or history enthusiast. An authentic fragment of the Atlantis' cargo bay liner is adhered to the base! A certificate of authenticity is included. At 7" long and 4.5" wingspan, this impressive desktop display is 1⁄200 scale. Limited to 200 pieces.

NEW! **Atlantis Space Shuttle Model** (with Cargo Bay Liner Fragment)
#3157093…..$79.95

Turn Your Home into a '70s Arcade!

Take aim and release the balls down this giant 3-foot track to score big points - just like in the arcade! The digital timer gives each player 60 seconds to rack up as many points as possible. Perfect for game rooms and man-caves, this nostalgic, over-sized arcade classic features an automatic ball return too. Requires 4AA batteries (not included). For ages 14+.

NEW! **Deluxe Electronic Arcade Alley Ball**
#3156966.....$39.95

INVEST IN FAMILY TIME

Includes Velvet Grass, Munching Alligator and a Spinning Windmill!

Play 9 Holes of Miniature Golf... Right on Your Kitchen Table!

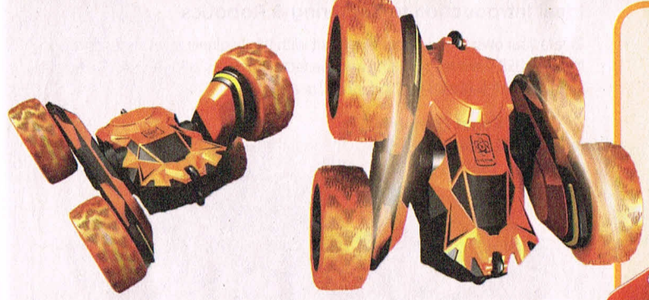
Featuring electronic challenges like a spinning windmill and a chomping alligator, this mini version of mini golf will be a hit with the entire family. The playing surface, covered in various textures including green velvet grass, measures a whopping 26" x 16". Includes 2 putters (magnetically-tipped for easy ball retrieval), 2 steel balls, 9 flags, score pad and instructions. Requires 4 AA batteries (not included).

NEW! **Electronic Arcade Mini Golf**
#3156965.....$39.95

Two-Player Action... at a Great Value!

This portable, electric, tabletop arcade classic is a must for every game room. The slick playing surface is optimized with dozens of air jets for super-fast game play. Includes 2 plastic pucks, 2 hand paddles, and a score pad. Measures 40" x 19.5" x 5". Light assembly required. AC powered. For ages 14+.

Face-Off Table Top Air Powered Hockey
#3156971.....SALE $69.93.....reg. $149.95



What Obstacle CAN'T It Power Over?

This multi-directional radio-controlled stunt car with 4-wheel drive is capable of amazing tricks including complete turn over flips and dizzying 360-degree spins. What obstacle CAN'T it power over? Featuring speeds up to 12Km/hour, 1:28 scale. 2.4GHz. Includes 4.8V NiCd rechargeable battery with USB charging cable. Requires 2 AA batteries (not included). For ages 6+.

NEW! **Web RC Flip Force**
#3156984.....$39.95

You Can Do It! Learn Real Robot Programming

The Micro:Bot is a small but high quality programmable robot designed for learning coding and robotics using Block code and Java script. First familiarize yourself with coding basics using easy to understand Block code on your computer. Then take your new knowledge and your robot to the next level by programming with Java script. Don't Be Intimidated! No prior knowledge is needed. The downloadable activity guide makes learning easy by providing step-by-step learning activities that leverage all the Micro:Bot's capabilities. Includes ultra-distance sensor, 6 LED lights, line tracking sensor, Bluetooth module and an infrared sensor so you can control it with either your smartphone or the included remote! Measures 3" x 3.125" x 3.5" assembled. Requires 3 AAA batteries (not included). For mature students 14+ (Yes, even you can do this!)

NEW! **Micro:Bot**
#3157095.....$149.95

Build an Educational DIY Mobile Phone

With this DIY kit, you'll create an open source, fully-functional mobile phone compatible with all mobile networks up to 4G. You'll learn how a ***mobile phone works, the basics behind digital electronics and how to program a microcontroller.*** Estimated build time: 5 hours. Soldering required (tools not included). For ages 11+ with adult supervision. Visit ***ScientificsOnline.com*** for details.

The kit includes the circuit board, casing, full color LCD, GSM module, sound module, amplifier, 128MB SD card preloaded with games and apps and all needed components. For programming, this device uses the same chip used on Arduino UNO board – the most popular programming environment for makers.

NEW! **DIY Mobile 4G Phone Kit**
#3157060.....$169.95

Experimental Marble Run Emphasizes Critical Thinking Skills

Spatial reasoning, problem solving and self-correction are only a few of the skills kids will hone while assembling the 20 feet of track in this new marble race game. Shoot the marble with the launcher through loop and curves then add extra power as it passes the atomic hammer! With 174 pieces, you can vary the design to improve the physics performance or create your own chaotic design. For ages 7+.

NEW! **SkyRail Evolution**
#3157067.....$49.95

Build Your Own Robotic Pet Hedgehog

Learn about gears, motors, and LEDs, as you assemble your new 172-piece robotic pet. This hedgehog's built-in sound sensor is programmed to react to different sounds. Clap once, and the hedgehog will roll into a ball and tumble backwards. Clap multiple times, and the hedgehog will count your claps and tumble as many times as you instructed with your claps. Get it to bristle its spines and act playfully too. Measures 5" x 8". Requires 4 AAA batteries (not included). For ages 7+.

NEW! **Tumbling Hedgehog Kit**
#3156881…..$44.95

Build 10 Models Powered by Renewable Energy

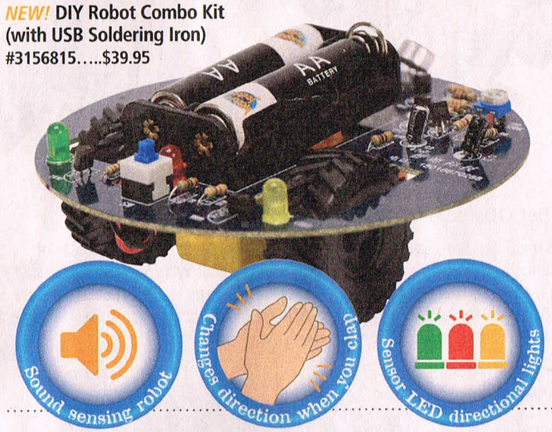
Build three separate renewable energy concepts. Build and power 10 models using a hand generator, an outdoor solar panel and a wind powered device. The kit includes a full colored instruction manual and over 115 pieces to build exciting models including a Helicopter, Energy Racer, Space Explorer, Triceratops and more. Models range in size from Helicopter 6"x 3"x 4" to Stegosaurus 9"x7"x 5". No batteries required, kit operates on 100% renewable energy!
For ages 8+.

NEW! **10 in 1 Renewable Energy Kit**
#3156841…..$45.95

Ideal Introduction to Soldering & Robotics

Create your own sound-responsive robot with this beginner level soldering kit. Includes USB powered soldering iron- perfect for novices. Measures 4.7" diameter. Requires 2 AA batteries (not included). For ages 12+.

NEW! **DIY Robot Combo Kit (with USB Soldering Iron)**
#3156815…..$39.95



Let a Robot Clean the Floor for You

Learn how (and why) a smart vacuum operates - by building one yourself! In assembling this 75+ piece kit you'll discover the mechanical principles behind the motorized operation of a self-directing robot and the creation of suction power. This 6" diameter finished product will navigate automatically on the floor or tabletop (not for rugs). Requires 4 AA batteries (not included). For ages 8+.

NEW! **DIY Robotic Vacuum Cleaner**
#3156991…..$32.95

Assemble Gravity-Defying Robots

Air-Walker is a four-legged bot that uses an ingenious system of suction cups and pumps to crawl along smooth, vertical surfaces like windows. Your Air-Walker will crawl in a straight line, to the left, or to the right, while a special mechanism makes the robot's head move back and forth as its body moves forward. Includes illustrated 32-page, full-color manual. Requires 3 AA batteries (not included). For ages 8+.

NEW! **Air Walker Kit**
#3156882…..$44.95

Dancing Robot with 48 Programmable Movements

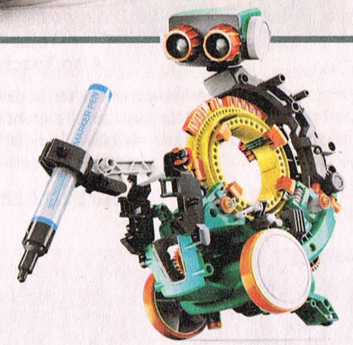
Featuring facial expressions, lights and sounds, this 16" radio control robot has more dance moves than you do! Use the hand controller to directly control his movements or use the buttons to program an entire 48-move dance routine. Plus, the built-in motion sensors will let you trigger specific dance moves (like The Moon Walk) with simple waves of your hand! A 'demo mode' lets him show off his complete dance floor technique to music. Requires 2 AAA and 4 AA batteries (not included). No assembly required. For ages 8+.

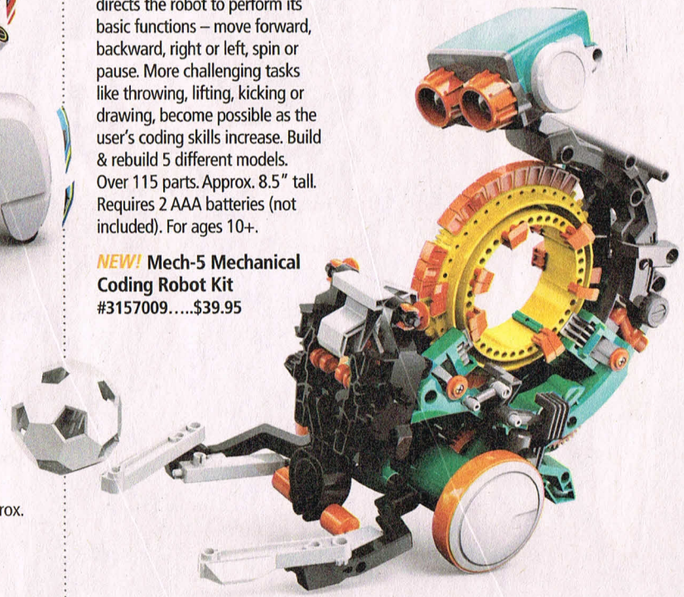
NEW! **Rock n Tech Robot**
#3156982…..$46.95

A Mechanical Coding Wheel is the Heart of this Robot

This unique kit combines mechanical engineering principles with coding basics. No smart device or computer is required. Mech-5 steers its coded courses and programmed tasks by a mechanical coding wheel. Snapping the coding buttons onto the coding wheel directs the robot to perform its basic functions – move forward, backward, right or left, spin or pause. More challenging tasks like throwing, lifting, kicking or drawing, become possible as the user's coding skills increase. Build & rebuild 5 different models. Over 115 parts. Approx. 8.5" tall. Requires 2 AAA batteries (not included). For ages 10+.

NEW! **Mech-5 Mechanical Coding Robot Kit**
#3157009…..$39.95





Meet the New Boss of Programmable Robots

Tobbie II is a DIY hexiped robot with a 360 degree free-rotation body. This kit includes all the electronic components, a motor and an IR sensor for interactive fun. With 12 downloadable programs you can start having fun immediately including light tracker, rock-paper-scissors, notice board, bowling and more. Program Tobbie with either your desktop, laptop, iOS or Android mobile device. An ideal introduction to coding, you'll program either in easy-to-use Javascript Blocks Editor or Python Editor (for more advanced coders). Over 220 parts. Approx. 7" tall. Requires 4 AAA batteries (not included). For ages 10+.

NEW! **Tobbie II Coding Robot**
#3157008…..$94.95

FREE GIFT WITH PURCHASE ($14.95 VALUE)

Solar Electricity Learning Kit Also Teaches Basics in Electricity

Designed to teach how solar cells can be used in real electric circuits that are simple to build, the Solar Lab 1.0 contains 9 step-by-step labs to guide you through the basics of solar electricity, like circuit building and the science behind photovoltaic electricity production. For ages 12+.

Solar Lab 1.0 Kit + FREE Solar Wild Boar Kit
#3157069…..$64.95

SALE!

Learn Mechanical Transmission with this Solar Rover

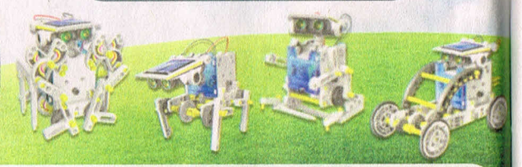
With a planetary gear transmission system and adjustable robotic arms, CAPTAIN ROAM-E-O is an all-terrain solar vehicle kit equipped with 6-wheel mechanical suspension and 4-wheel drive system. The unique gear transmission system is activated by the included solar panel when placed under a direct sunbeam. Plus it will roll over small objects too! Includes 67 parts. Assembled measures: 4.1" x 2.9" x 3.1". For ages 8+.

Solar Rover Kit
#3155739…..SALE $14.93
reg. $19.95

Some Like it Hot, Especially Robots Powered by Our Sun!

The T4 Transforming Solar Robot (T4) features amazing multiple transformations and is equipped with large enough parts so a younger child can be included in partaking in some high quality robot fun. T4 is completely solar-powered so you never need to buy batteries. This kit gives your child the option to easily transform between one of four different modes: Robot, Insecta, T-Rex and Drill Vehicle. Assembled measures: 8.2"x 7.1"x 2.8". For ages 8+.

T4 Transforming Solar Robot Kit
#3153558…..$17.95



Design Robots Powered by the Sun

This solar-powered robot can be transformed into 14 different robot modes. Featuring two levels of difficulty, the user can easily create a running beetle, walking crab, surfer or 'zombie chaser.' Includes unique accessories that allow the robot to move on land or water. Also features adjustable polarity on the solar panel to change direction of motor rotation, and a transparent housing to see the movements of the gears. For ages 10+.

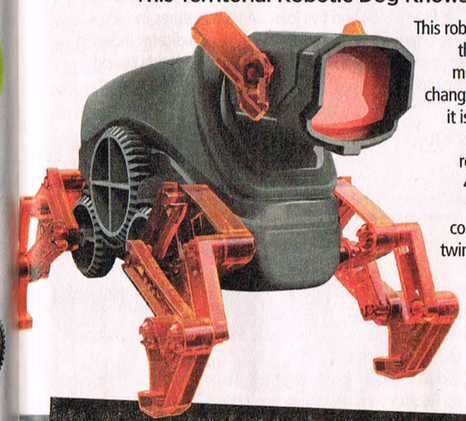
14-in-1 Educational Solar Robot Kit
#3153198…..$27.95

Transform and Power Your Own Space Command

The Solar Space Fleet features snap-together parts (no tools required) to create **SEVEN** different working models, including a space station, robot, rover, astronaut and shuttle. Each model is powered by either a solar panel or a micro rechargeable battery (both included) and recharges via direct sunlight or by 2 AAA batteries (not included). Models range in dimensions, approximate sizes 5.5"x 7.2"x 3.5". For ages 10+.

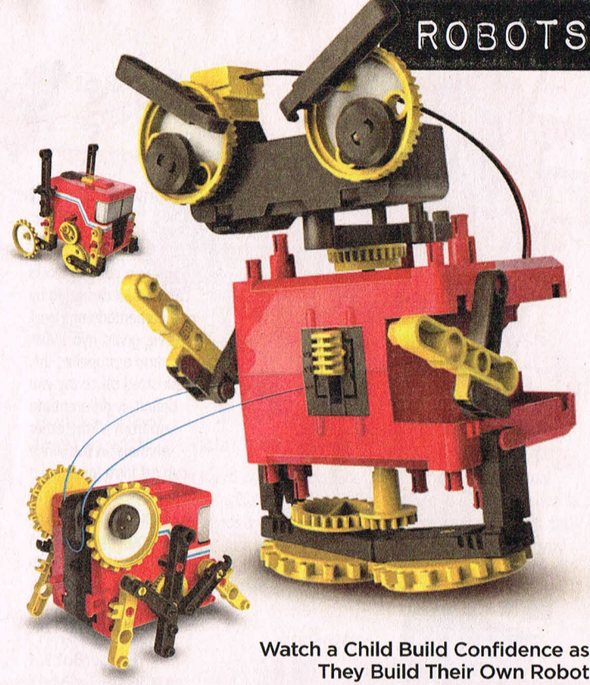
Solar Space Fleet Kit
#3153199…..$25.95

This Territorial Robotic Dog Knows its Boundaries



This robot will never fall from the table thanks to the mechanical system that changes the direction when it is unbalanced. With its moving joints, this robot stalks like a little 4-legged military dog. Kit includes 40 components including a twin axle motor. Requires 2 AA batteries (not included). For ages 8+.

NEW! **WalkingBot**
#3156907…..$22.95



Watch a Child Build Confidence as They Build Their Own Robot

Everything in this robot kit is designed so a young builder can easily assemble their own robotic playmate. A child can bring to life the EM4 in one of its four exciting modes: Cricket, Beast, Trailer or good ole Grandpa-bot. In only a few easy steps, transforming between each mode is a breeze. Requires 1 AA battery (not included). Assembled measures: 10.5"x 7.2"x 3.5". For ages 8+.

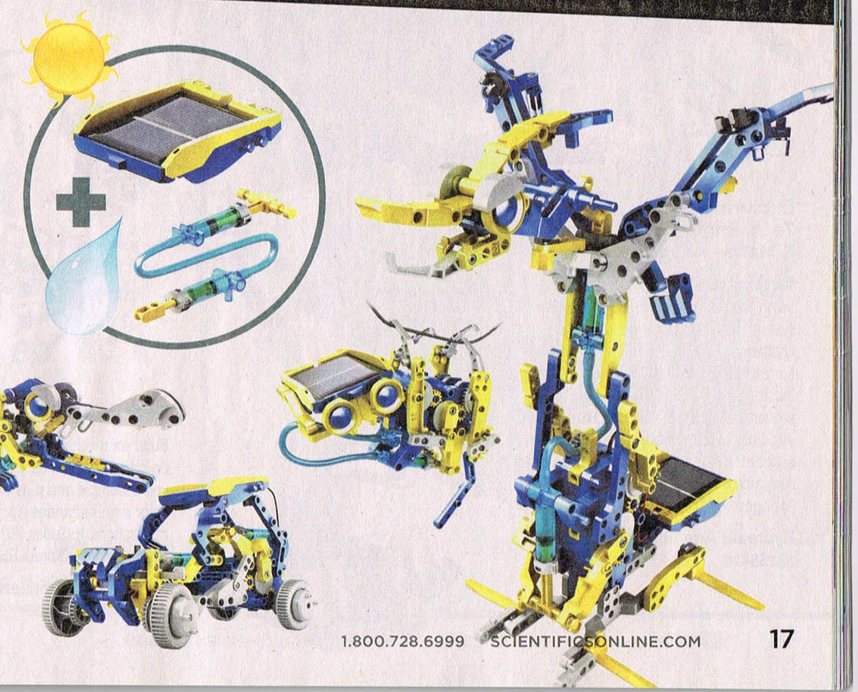
EM4 Educational Motorized Robot Kit
#3153557…..$17.95

SOLAR + HYDRAULIC = 12-IN-1 ROBOTICS

Build Robots Powered by BOTH Solar & Hydraulic Power

An upgrade to our best-selling '14-in-1 Solar Robot' (see page 16), this new kit creates a variety of comparatively larger robots that incorporate BOTH solar and hydraulic power! Featuring two animated building modes re-using the same 231 parts: Automotive Mode (Buggy, Obstacle Avoiding Rover, Excavator, Forklift) and Animal Mode (Elephant, Pterosaurs, Monkey, Ostrich, T-Rex, Crocodile, Scorpion, Dog-Walker). Employs green alternative energy- no batteries required! Assembled sizes range from 4"x 4" to 8" x 10". For ages 8+.

NEW! **12-in-1 Solar / Hydraulic Robot**
#3156303…..$33.95



NEW!

Thinking 'Out of the Box' Re-Defined

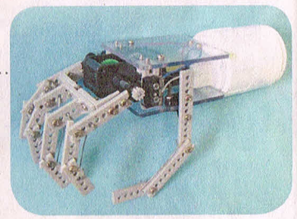
Here's a curious wood catapult kit designed by one demented engineer! Featuring gears, hydraulics and a propeller, this desk-sized office toy will definitely differentiate you from all the other 'animals' in the office cubical farm (or at least keep them temporarily at bay!). Peculiarly inventive, the FlingerBot launches fun with every press of its plunger. Includes 78 pieces. No batteries required. For ages 12+.

NEW! **FlingerBot Kit**
#3156978…..$31.95

Twist, Lift and Pivot via 5-Switch Wired Controller

With Robotic Arm Edge, command the gripper to open and close, as well as several other motions. Each command and visual manipulation is supplied via 5-switch wired controller, five motors and five joints. Added features include a search light design on the gripper, and an audible safety gear indicator included on all five gear boxes to prevent any potential injury or gear breakage during operation. Assembled measures: 9″ x 6.4″ x 15″. Requires 4 D batteries (not included). For ages 10+.

Robotic Arm Trainer Kit
#3151656…..$59.95



Build Your Own Third Hand

Construct a moving, life-size, robotic hand. No soldering required. Once completed, your hand will be able to open and close at the touch of a button and even grasp items. Includes an illustrated assembly manual with step-by-step instructions. Requires a screwdriver, small pliers, wire cutter, drill and 1 AA battery (all not included).

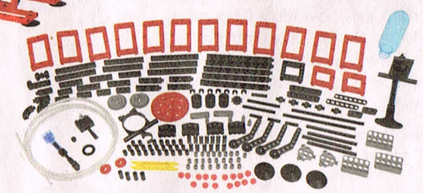
Bionic Robotic Hand Kit
#3085154…..$94.95

BEST SELLER

Explore Science, Tech, Engineering & Math – All in One Kit

Take total command of a robotic arm using the science principles of a hydraulic system and its application with this challenging 229-piece DIY kit. Includes easy-to-follow instructions with detailed illustrations. Features six axes of varied movements, an integrated braking system and unique suction apparatus. No battery or motor required. It is powered by water! Assembled measures 12.7″ x 9.5″ x 16.3″. For ages 10+.

Hydraulic Arm Edge Kit
#3155436…..$52.95



Reach Out & Grab Some Inspiration

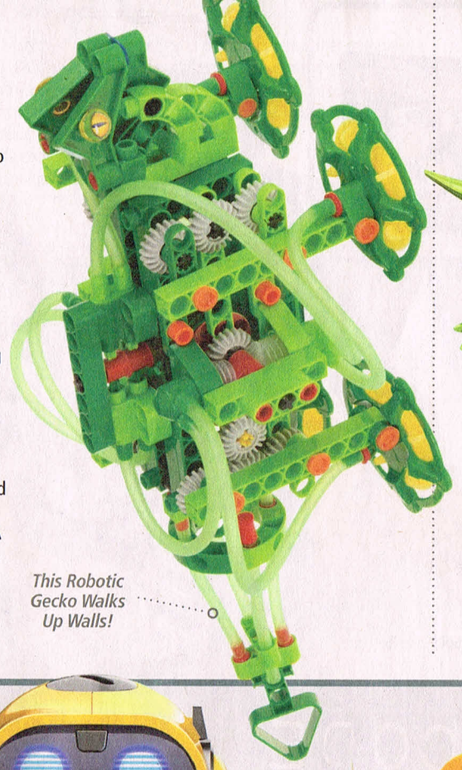
Build six mechanical models of the types of arms, grabber claws, and legs found on robotic machines. Explore mechanical engineering principles firsthand as you assemble and play with these working pneumatic models. A 32-page, full-color manual guides you through model building with step-by-step illustrated instructions. Includes 201 components. Assembled measures: 14.6″ x 3.4″ x 11.5″. No batteries required. For ages 7+.

Mechanical Engineering: Robotic Arms
#3155749…..$64.95

Build a Wall-Walking Robot Lizard

This astonishing wall-climbing robot has a motorized air suction system that enables it to walk vertically up and down perfectly smooth surfaces, like glass, plastic, whiteboards, and glossy laminates. The battery powered motor drives an innovative gear system that produces a rotating motion mimicking the movement of a real gecko! Perform 7 experiments. Includes 100 pieces and a 24-page manual. Assembled measures: 14.6″ x 3.1″ x 11.5″. Requires 2 AAA batteries (not included). For ages 8+.

Geckobot Kit
#3155487…..$54.95



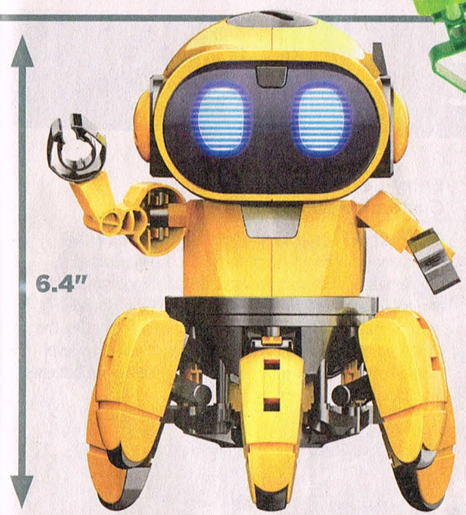
This Robotic Gecko Walks Up Walls!

BEST SELLER

Build a Robot Reptile with Artificial Intelligence

Assemble a smart super lizard with artificial intelligence similar to the actual Australian lizard. When this robot feels threatened, it gapes its mouth, flashes its eyes, and dramatically spreads and flaps its frill. It will also bluff its attacker and scurry away until it escapes to a safe distance. At peace, it might approach you just like a pet lizard. Assembled measures: 13″ x 8″x 5″. No soldering required. Requires 4 AAA batteries (not included). For ages 10+.

Kingii Dragon Kit
#3155114…..$34.95

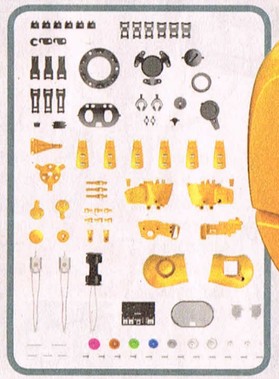


6.4″

Artificial Intelligence with Emotion

Your budding engineer will love constructing this 107- piece STEM robotic kit. This is no ordinary robot but a new scholarly friend with wonderful sound and light effects, creating its own emotion and gestures. Featuring two pre-programmed modes; using artificial intelligence it will scan its surroundings and with infrared sensors and 6 legs it will turn 360 degrees and seamlessly complete obstacles. Requires 4 AA batteries. Dimensions of assembled product 4.9″X 5.4″X 6.4″. For ages 8+.

Artificial Intelligence Robot Kit
#3156304…..$43.95



Bluetooth® Controlled Programmable Robot Kit with Facial Expressions

With sounds, music, voice messages and facial expressions, the 40+ piece Evolution Robot (once assembled) can be programmed to pick up and transport objects thanks to its moving arms, torso and crawler tracks. The free app (for Apple or Android tablets and smartphones) allows five different play modes; including programming, self-learning & dancing. Bluetooth® controlled, robot can also be manually programmed using the keyboard on its back. Includes a full-color 32 page step-by-step manual. Requires 8 AA Batteries (not included). Made in Italy. For ages 8+.

Evolution Robot Kit
#3155876…..$104.95

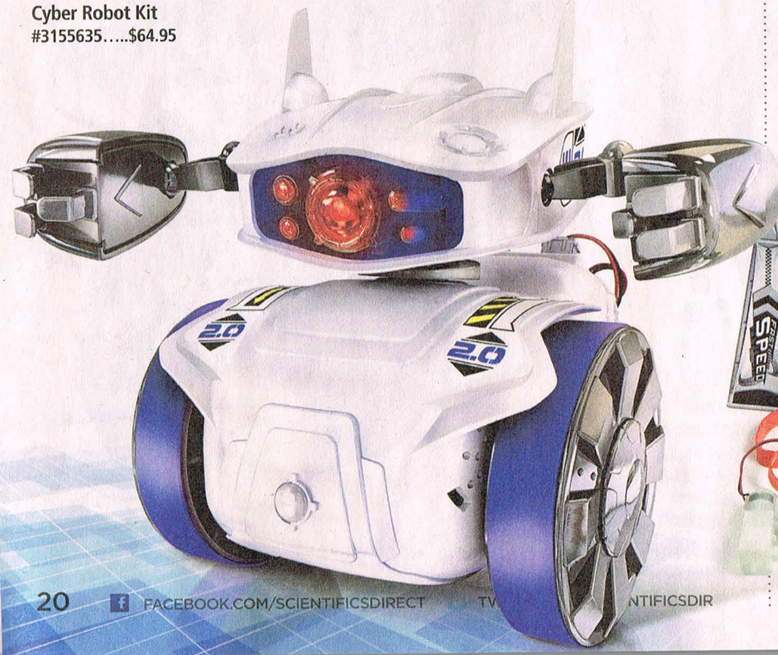
No Soldering Required

BUILD & CODE KITS

Bluetooth® Controlled or Hands-On Button Programming - You Decide!

Assemble this Bluetooth® cyber robot then download the free app (from App Store or Google Play) to your own smart device. Now you can either program the robot's movements, sound, and lighting effects or control it in real time via remote control. Manual buttons also allow for direct control without use of your smart device. Includes motor, speaker, LED and complete manual. No soldering required. Requires 4 AA batteries (not included). Made in Italy. For ages 8+.

Cyber Robot Kit
#3155635…..$64.95



Entry-Level Robot You Build, Customize & Program

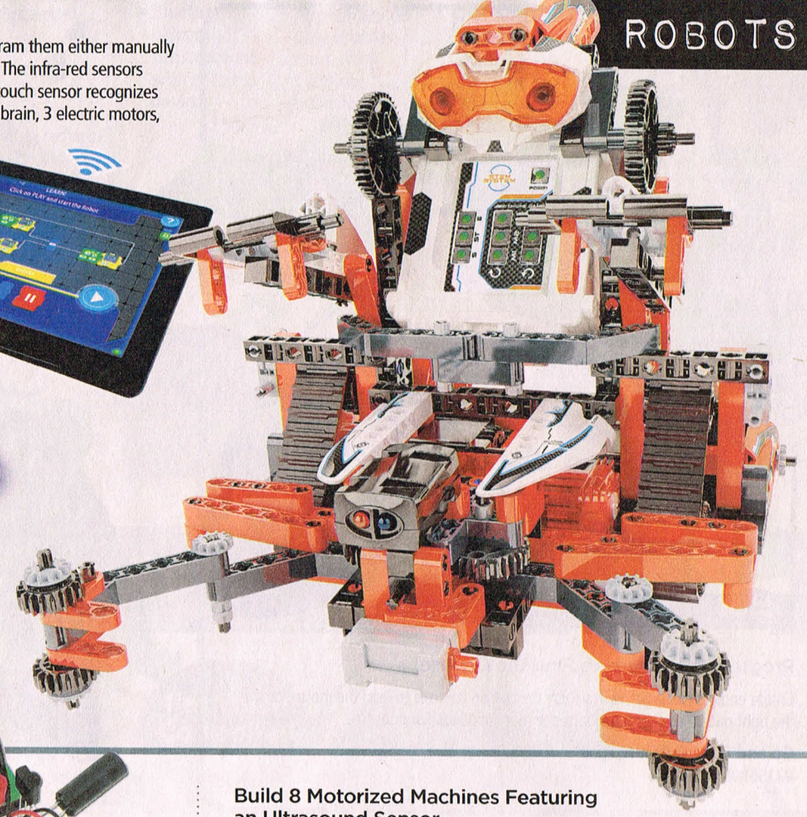
Build this programmable robot, customize its look with interchangeable components then start experimenting! Program its path, find and retrieve metals using its magnetic arm and much more. Upgraded with 2 NEW ultrasound sensors enabling the robot to navigate around obstacles. The illustrated manual teaches about electronics and entry level programming. No soldering required. Requires 4 AAA batteries (not included). Made in Italy. For ages 8+.

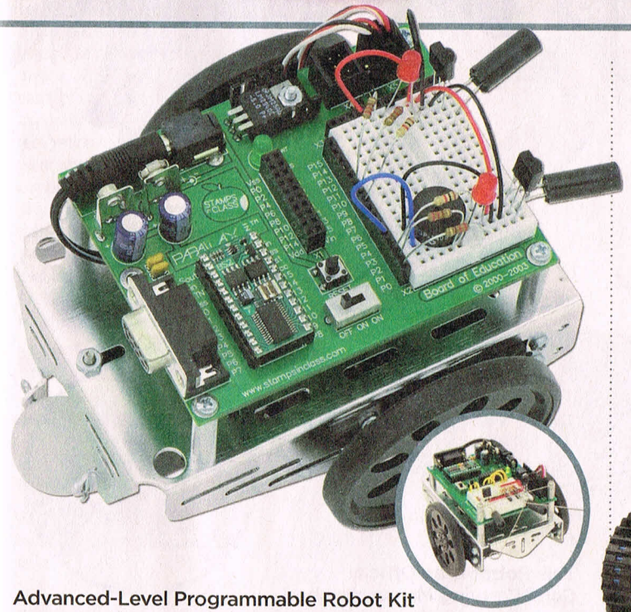
Upgraded Mio 2.0 The Robot Kit
#3156488…..$54.95

5-in 1 Educational Robotics Lab

Build 5 different robots of increasing complexity and program them either manually or using the APP on your Bluetooth-enabled smart device. The infra-red sensors allow the robots to identify objects around them and the touch sensor recognizes when the robot has picked them up. includes 1 cybernetic brain, 3 electric motors, 2 IR sensors, 1 touch sensor, 1 speaker and more than 250 interchangeable components. Requires 4 AA batteries (not included). Made in Italy. For ages 10+.

Robo Maker Kit
#3156373…..$154.95





Advanced-Level Programmable Robot Kit

This complete programmable robot kit begins with basic movements and advances to senior-based projects. It is built on a high-quality chassis that provides a sturdy platform. But what really makes it unique is the BASIC Stamp microcontroller's flexibility of programming when coupled with breadboard circuit construction. Boe-Bot takes 1-2 hours to put together. Completing the entire set of projects takes 50 hours. Includes passive components, sensors and hardware to assemble the body, plus a manual featuring 41 activities and structured PBASIC 2.5 source code support and bonus challenges. Requires 4 AA batteries (not included). For ages 12+.

Parallax Boe-Bot Robot Kit
#3080288…..$219.95

Build 8 Motorized Machines Featuring an Ultrasound Sensor

This advanced kit operates using an ultrasonic sensor that works on the same principle as sonar. It sends out sound waves, which bounce off objects. The sensor interprets the echoes returning to it. Using the app interface, you'll program the robots you build to behave based on the feedback coming from the ultrasound sensor. Download the programming app onto a tablet or smartphone using iOS or Android, Robots connect via wireless Bluetooth. Includes 197-pieces for building 8 robot designs from the 60-page illustrated manual. For ages 8 +.

NEW! **Robotics Smart Machines -Tracks & Treads**
#3156883…..$139.95

Program the Mouse to Find the Cheese

Create endless maze pathways. Push the button controls to lead the mouse down the right path. Requires 3 AA batteries (not included). For ages 5+.

Go and Code Robot Mouse
#3155805…..$64.95

A Child's First Steps into the World of I.T. Language

Let Doc, the educational talking robot, reveal the world of programing and coding in a fun, creative way to young learners. Children will develop logical reasoning, sequential processing, and problem-solving skills as well as learning programming as they play the various games. Program Doc to roam at will, follow the pre-programmed routes or follow a route to various objects on the large 2-sided educational mat. Requires 3 AA batteries (not included). No assembly required. For ages 4+. Doc measures 4.7"x 3.5"x 3.7". Includes a suction cup stylus, tiles, 20 puzzle cards and easy instructions.

Doc Talking Robot
#3156374…..$84.95

Build Bionic Machines that Mimic Real Animal Movements

Construct 8 different remote-controlled animals with mechanical insides covered by colorful plastic "skins." The animals all move using different mechanisms, each one mimicking the movement of the real animal it represents. A two-button remote control unit moves the small, lightweight motor forward and in reverse, allowing the models to move forward or backward. Includes a full-color, 36-page step-by-step illustrated manual and 100 pieces. Requires 6 AA batteries (not included). For ages 8+.

Remote Control Machine Animals Kit
#3155134…..$49.95

This Robot is an Official Card-Carrying Mensa Member!

You imagine simple or complex drawings and designs, and translate them into "drag & drop" code on any device. Artie 3000™ then draws the geometric shapes you design! Artie will draw what's coded line by line, moving forward, backward and spinning while lifting and dropping the included 4 thin tipped colored markers onto most 8 ½" x 11" paper. With its own built-in WiFi server, Artie is compatible with a desktop, laptop or smart device, so there is no need for internet connection to play. No assembly required. You supply your computer or tablet and 4 AA batteries (not included). For ages 7+.

NEW! **Artie 3000 Coding & Drawing Robot**
#3156826…..$75.95

The World's First Robot Blocks Just Got Smarter

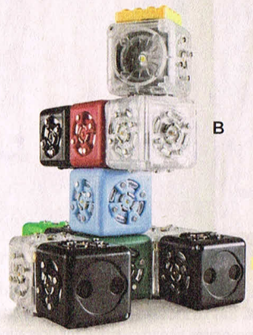
Make, create and reinvent your own robot constructions! A unique blend of hardware and software, Cubelets make it easier than ever to explore robotics and coding. Simply snap Cubelets' magnetic faces together to start building. Pair with the companion app to remote control these 5 Cubelets or change the way Cubelets behave with Personality Swap. Battery recharges via micro-USB (both included). Great for all skill levels from age 4 to adults!

- **Bluetooth® pairs robot constructions with wireless devices**
- **App-enhanced play enables more *NEW* Cubelet behaviors**
- **Brick Adapters connect Cubelets with your favorite toy building bricks!**

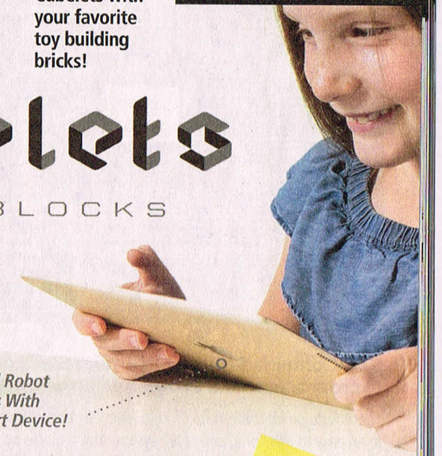
A) Discovery Set
(5 Cubelets)
#3156586…..$139.95

B) Cubelets 12 Set
(12 Cubelets)
#3155391…..$279.95

C) Brilliant Builder Pack
(19 Cubelets)
#3156835…..$499.95



cubelets
ROBOT BLOCKS



Control Robot Blocks With Your Smart Device!

SENSE, THINK, ACT

BEST SELLER

The Robot with a Brain for Math

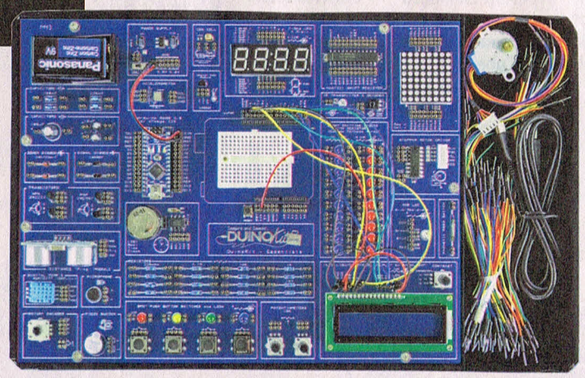
Let the MIND Designer Robot guide your child into deeper learning of mathematics, arithmetic and geometry. You can easily program this robot manually or use the inventive voice recognition function! Experiment with coding blocks, create complex geometrical shapes and play original interactive code-games (like Escape Room) using the free App on your Bluetooth®-enabled smart device. Requires 4 AA batteries (not included). For ages 6+.

MIND Designer Robot
#3156372…..$134.99

Hands on Introduction to Binary Numbers

Rami Code teaches binary numbers through operating the levers and pushing the buttons so the colored marbles roll down the tracks in the correct arrival box. By combining the logic of a puzzle with the challenge of a maze, Rami makes learning coding basics addictive and fun at any age! Includes a screen to cover the tracks and ramp up the challenge. No batteries required. Made in Italy. For ages 4+.

Rami Code Game
#3156521…..$45.95



A

Self-Contained Kits for Learning Electronics, Microprocessors & Programming

These Arduino kits will enable you to learn electronics and programming basics in an easy to use "plug and play" system that requires no soldering or previous electronics experience. Each is delivered pre-assembled in a protective metal carrying case that holds all of its component parts securely - perfect for home or classroom. Requires computer with Windows, Mac or Linux. Just download the necessary Arduino software and you are ready to begin. See ***ScientificsOnline.com*** for complete details.

The advanced **Arduino Essentials Learning Kit** is suitable for college or high school curriculums. Online instructions via vendor's web site. Metal case measures 14" x 9" x 3".

A) Arduino Essentials Learning Kit
#3155100…..$254.95

B

The introductory **Duino Jr Kit** includes 20 'mission' cards for displaying text on an LCD, real time clock, weather station, scrolling, blinking & color changing LEDs and more. Case measures 10" x 5" x 3".

B) DuinoKit Jr.
#3155318…..$134.95

Easy to Understand Intro to Arduino Coding

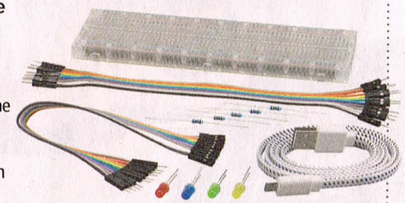
Snapino is an introduction to the open-source Arduino hardware-software coding environment. This kit includes 20 projects that gradually introduce you to Arduino coding with programs already written for operating the 14 included parts. You will need to download the Arduino application from Arduino's website and download Snapino Sketches (programs) from the vendor's website. Requires one 9 volt battery (not included). For ages 12+.

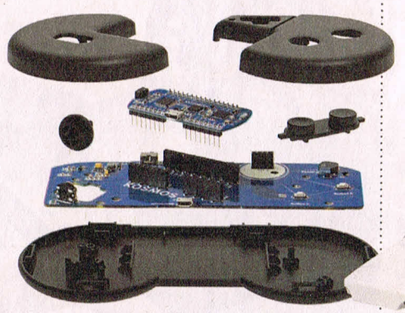
Snapino
#3155831…..SALE $39.93…..reg. $54.95

Learn to Code by Playing a Video Game

This comprehensive kit walks you through the programming basics of gaming and coding. Use sensors to control the game with the included innovative gamepad. Solve puzzles and challenges in the game to learn the Arduino programming language. Write your own programs and develop new applications for the sensors. Includes 30 pieces: Arduino-compatible microcontroller (with Bluetooth), circuit board, gamepad housing, a 64-page manual and much more. App requires a tablet or smartphone running iOS or Android®. Requires 6 AA batteries (not included). For ages 10+.

Code Gamer
#3155485…..$154.95

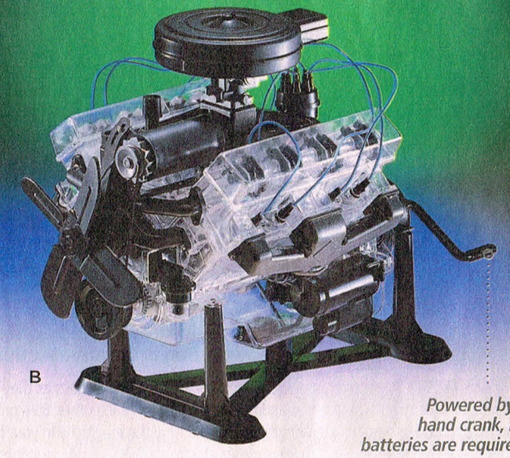




Virtually Anyone Can Design These Robots – No Skills Required

Create robots of your own design that react to the world around them! No wiring, programming, coding or soldering required! Data and power are transferred through embedded magnets. Kit includes two motors, brightness & proximity sensors, wheels, 60+ components, micro-USB charging cable and complete instructions. For ages 8+.

Robotics Construction System
#3153565…..SALE $129.93
reg. $199.95



B

Powered by a hand crank, no batteries are required.

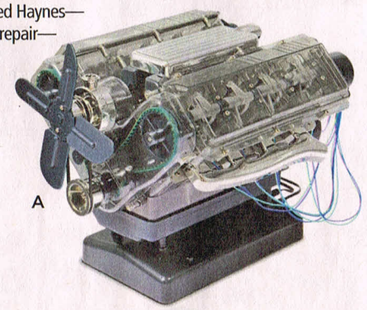
Assemble Your Own See-Through V-8 Working Plastic Model

Revelle V-8 Combustion Engine is powered by a hand crank. Distributor and coil wires are in actual firing order. Featuring pistons and valves, the rubber belt operates generator, pulleys and fan. Glue required (not included). ¼ scale (12" long). 314 pieces. For ages 12+.

Haynes Build Your Own V-8 Engine is a battery-operated motor that features illuminating spark plugs and ignition sounds. Includes a step-by-step illustrated Haynes—the world leader in automotive repair—learning manual complete with glossary. 250+ parts. Requires 3 AA batteries (not included). For ages 14+.

A) Haynes Build Your Own V-8 Engine
#3153353…..$74.95

B) Revelle V-8 Combustion Engine
#3052854…..$94.95



A

Build Your Own Transparent Plastic Model of a Working V-8 Engine

Learn everything you need to know about the heart of a vehicle and how it provides the power for a car to run. Building this 270-piece working model of a combustion engine will allow you to learn the inner workings of an engine. Turning your engine on, you will see and hear how a real V8 engine operates. Instructional manual included. Requires 3 AA batteries (not included). For ages 12+. Approximately 7"x 6.5"x 9" once assembled.

Stemnex V8 Model Engine Kit
#3156485…..$69.95

C

BEST SELLER

Learn the Basics Behind the Internal Combustion Engine

Construct a fully working model of a car engine with ignition sound and light-up spark plugs. You'll see the valve sequence cycles, the pistons move, the shaft rotate, and the timing belt move with the radiator fan belt. 100+ parts. Powered by 2 AA batteries (not included). For ages 8+.

Gas Engine Model Kit is a great introduction to understanding how the four stokes of an internal combustion gas engine actually work. Measures 10" long once assembled.

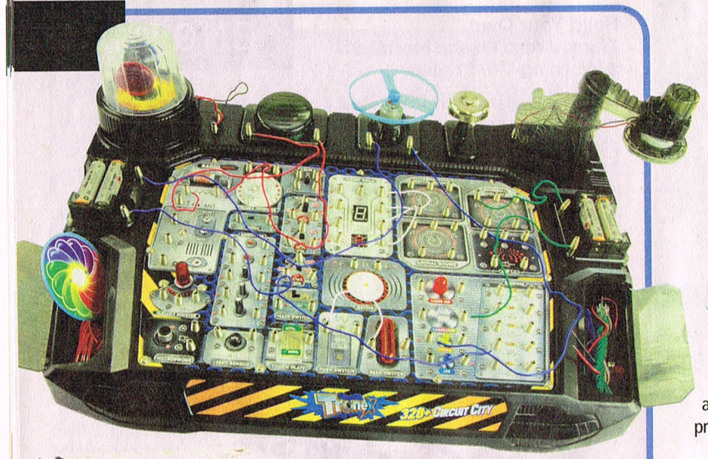
The upgraded **Internal Combustion Engine Kit** includes chrome parts and is endorsed by Haynes, the definitive auto repair reference, and includes a clear step-by-step, educational Haynes manual.

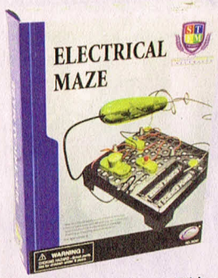
C) Haynes Int. Combustion Engine
#3152837…..$54.95

D) Gas Engine Model Kit
#3082155…..$45.95

> "My 8-year-old and I put it together in about 3 hrs. He absolutely loves cars and this model brought his understanding of how they work to a whole new level."
> -posted at ScientificsOnline.com by Rob

D



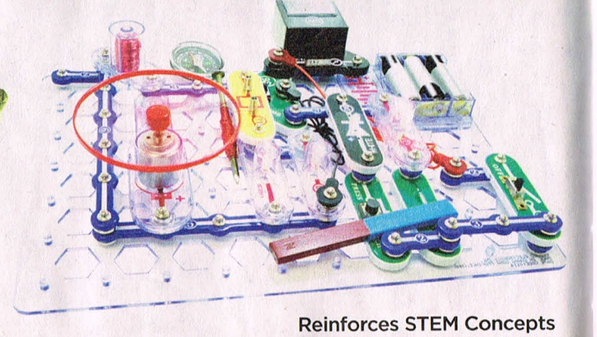


FREE GIFT WITH PURCHASE ($14.95 VALUE)

328+ Experiments with Light, Magnetism, Sound & Touch Control!

With a large circuit board and 72 included parts your child will learn the basic concepts of electronics including electricity, voltage, current, resistance, magnetism, electrical circuits and theories. The 64-page illustrated instruction manual will guide them through the fun 328 experiments; some of which include learning to connect a fan, an AM/FM radio and a doorbell melody. Requires 4 AA batteries (not included). For ages 8+.

Circuit City + FREE Electrical Maze Kit
#3157003.....$79.95



Reinforces STEM Concepts with Fun & Creative Activities

Kids explore Science, Technology, Engineering, and Mathematics as they learn about electricity and magnetism and how they relate to each other. 85+ projects provide an understanding of magnetic fields and how the electricity in your home actually works! Includes 45 parts - meter, electromagnets, motor, switches, LED and more. Requires 4 AA batteries (not included). For ages 8+.

Snap Circuits STEM
#3155969.....$54.95

Time to Go Back to the Future

Create your own 80's style digital watch with this beginner level soldering kit. Includes USB powered soldering iron- perfect for novices. Watch face measures 2". For ages 12+.

NEW! **DIY 80's Digital Watch Combo Kit** (with USB Soldering Iron)
#3156814.....$32.95

Learn the Logic Behind the Music

Assemble and play a genuine electronic mini-keyboard! This versatile kit includes 38+ fun experiments focusing in on sound and electronics. Safely explore electronic circuitry and play music on a keyboard you create. Approx. 11" x 2.5" x 9". Requires 2 AA batteries (not included. For ages 8+.

Rockin' Electronic Keyboard
#3155851.....$44.95

Conduct 54 Exciting Electronic Experiments

Basic kit teaches about electric current and how it powers various devices. Includes floating ball, mini vacuum, maze challenge, blowing bubbles, color filter and flying disc. Requires 6 AA batteries (not included). For ages 8+.

54 Electricity Experiments
#3156399.....$44.95

Build an Intricate Maze & Challenge Yourself

Assemble a maze with over a 125+ scientific pieces at your disposal. Incorporate fun with science and you will truly learn how exciting and adventurous your mind can be! Each time you assemble the maze it will be different! Features a flying saucer, bubble machine, dinosaur robot, color filter, moving basketball challenge and more! For ages 8+.

Circuit Science 125+ Scientific Challenge Set
#3156398.....$54.95

Colorful Building Blocks with Electrical Components Inside

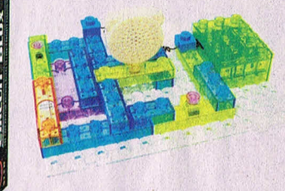
- Discover how lights, alarms, motors, switches and more work
- Features resistors, capacitors, transistors & LEDs
- Build a real working FM radio and listen to your favorite station
- Compatible with other building brick sets (including Power Blox)
- Requires 3 AA Batteries (not included). For ages 8+.

A) *NEW!* Circuit Blox 800 Projects (78 pcs)
#3156900.....$74.99

B) *NEW!* Circuit Blox 395 Projects (66 pcs)
#3156896.....$51.99

C) *NEW!* Circuit Blox 120 Projects (46 pcs)
#3156897.....$39.99

C



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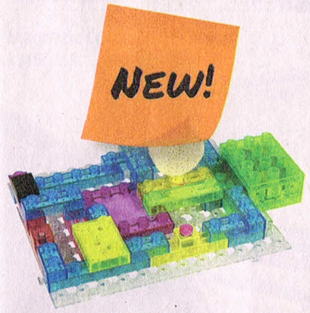

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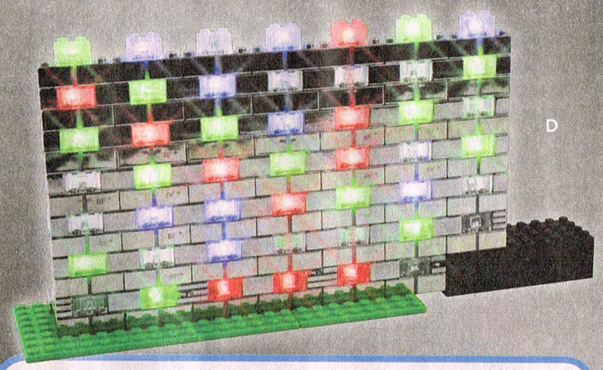
LEARN, SHARE, REPEAT



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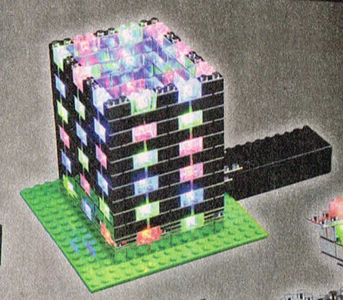

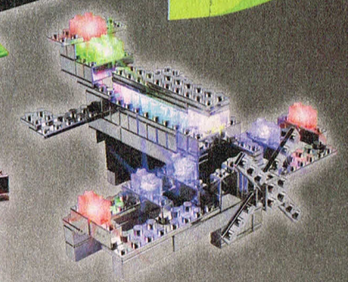

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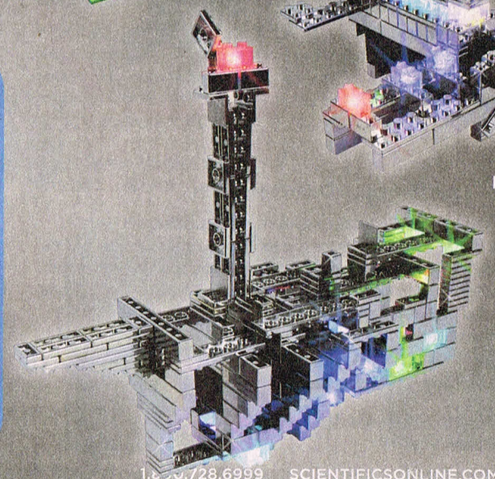


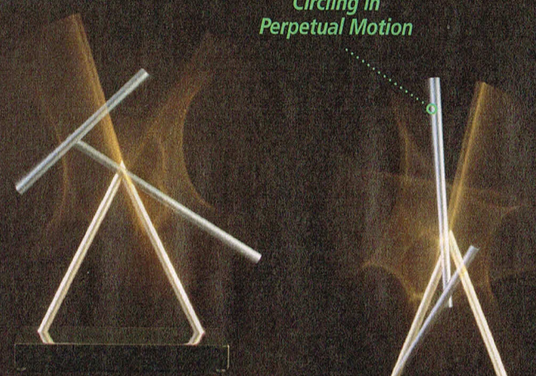
Build Circuits Directly into Your Creations Without Wires

Power Blox allow you to illuminate your toy brick builds by seamlessly integrating electronic circuitry without wires to bundle or hide. The power flows safely through these tin-plated bricks! Requires 1 9V battery (not included). For ages 8+.

D) *NEW!* Power Blox Flashing Frenzy
Storage case features two 5" x 16" green base plates that act as your building platforms for the 130 patented parts including 50 LEDs.
#3156898.....$134.99

E) *NEW!* Power Blox Light Up 3D Pro Kit
Storage case features a 11" x 7" x 2" studded lid that acts as your building platform for the 220 patented parts including 21 LEDs.
#3156899.....$159.99

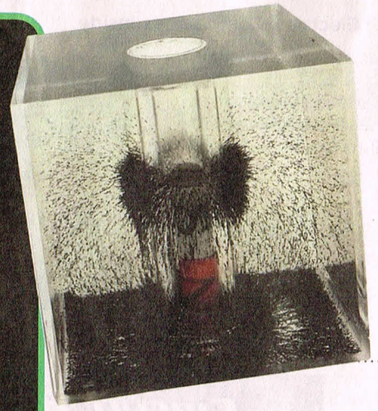
Circling in Perpetual Motion



Rotates in Contradiction to the Laws of Physics

Swinging, flowing, noiselessly circling in perpetual motion, the Swinging Sticks seem to defy gravity. As seen on Pepper Pott's desk in the movie Iron Man II, this slightly smaller version is individually made in a precision process with aluminum arms, high grade bearings and high quality ABS plastic base. Requires 4 AA batteries (not included). Arms measure 9" and 7" long, the base is 8" x 3" x 11/16". Produced by same manufacturer as the original.

Swinging Sticks Desktop Version
#3155786…..$99.95



Create A Magnetic Space Storm

This 3" clear cube is filled with iron filings suspended in a mineral oil solution. By adding the included magnet into the hollow center of the cube it will enable you to view magnetic field patterns from all angles creating an awesome mess-free magnetic storm! For ages 14+.

Magnetic Snow Globe for Geeks
#3155929…..$44.95

Magnetic Desktop Boredom Buster

Ferrofluid in a bottle is the astonishing liquid that becomes highly magnetized in the presence of a magnetic field. Comprised of nano-scale magnetic particles suspended in a transparent liquid, undisturbed Ferrofluid forms into a smooth pool. With the two included neodymium magnets you can safely play with this spectacular substance. See if you can make it dance! For ages 18+.

Ferrofluid Magnetic Display
#3155733…..$24.95

Yeah, It's Like Bowling... Only with a Magnetic Cannon

This magnetic accelerator game is a chain reaction challenge. Like billiard balls, when a metal ball strikes the magnet, its energy is transferred through the magnet and spacer and into the projectile which speeds off towards your objective. Just line 'em up, aim and let the magnet do the work for you. Knock 'em down or set up a goal and test your magnetic accuracy skills. Includes 95 pieces. For ages 7+.

NEW! **Magnetic Challenge Game**
#3157014…..$34.95

A Powerful Chain Reaction Demonstration

OK, OK, OK we know that NASA space shuttles weren't equipped with Gauss rifles- but OURS is! Disguised in the shape of a rocket, this desktop sized magnetic cannon is actually a serious physics demonstration of magnetic power. Embedded between each stage of this wood rocket are high-powered rare earth (neodymium) magnets. Watch the chain reaction and transfer as energy as the steel balls collide with increasing intensity to launch the final steel ball projectile into the included mini-barrels. Measures 8.5" x 5.5" x 1.75". Fun, yes, but NOT a kid's toy! For serious enthusiasts ages 14+.

NEW! **Chain Reaction Magnetic Accelerator**
#3157076…..$39.95

WARNING: CONTAINS STRONG MAGNETS
Keep away from sensitive devices such as credit cards, computers, magnetic media and medical devices (pacemakers).

FLOATING TRAIN
MAGNETIC LEVITATION

Magnetic Levitation Technology in Action

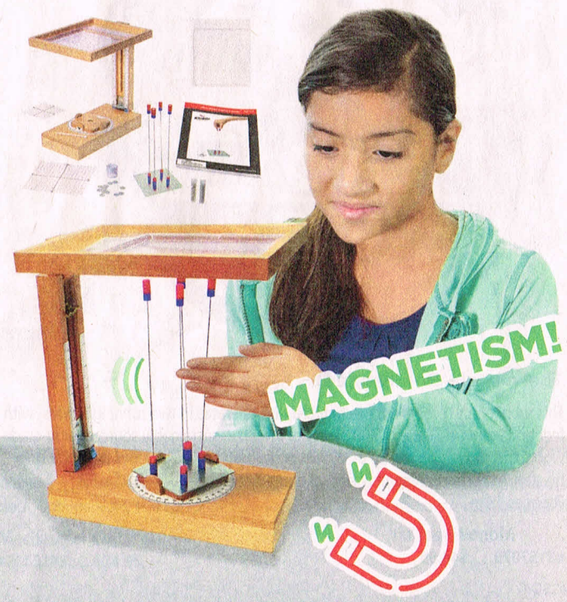
Without wheels, Magnetic Levitation Express uses an electromagnet and levitation magnets to create propulsion. These scientifically placed magnetic strips are built in the side of the guideway (included) to allow it to hover stably and run smoothly at high speeds. With this DIY science fair, after-school, or summer workshop project, the user can learn the basic principles of how magnets repel and attract each other. Includes 155 parts. Train: 10" x 1.4" x 1.1". Rail: 29" x 17" x 1.3". For ages 8+.

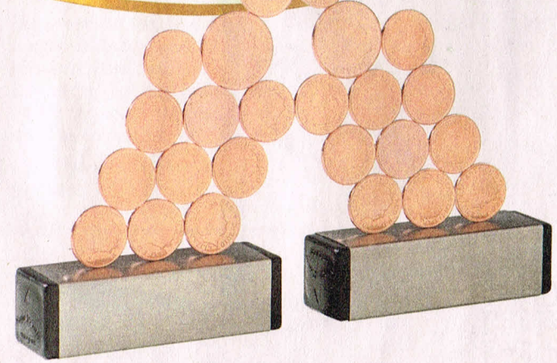
Magnetic Levitation Express
#3155738…..$52.95

Oscillation Experiment Station

Explore force & interactions, motion & stability, energy, waves, patterns and much more with this unique magnetism kit. Create crazy kinetic interactions with the oscillating magnetic wires as their invisible magnetic forces bounce off one another. The adjustable wooden observation station enables you to conduct a multitude of dynamic experiments including making iron filings dance, create a magnetic painting, or propel steel pinballs inside the viewing tray. Add more movement as you spin the station's turntable! For ages 8+ with adult supervision.

NEW! **Kinetic Magnetics Wave Wires Magnet Station**
#3156856…..$49.95

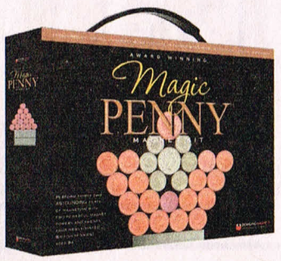


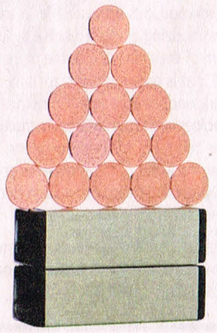


Upgraded to Include 44 Activities!

Perform astounding feats of magnetism as you playfully explore magnetic forces, motion and stability. A great conversation starter for geometry, this new version includes more coins and a whopping 44 activities. Includes 2 super strong magnets encased in stainless steel, 32 newly minted British pennies plus a bonus US penny, and an instruction booklet.

Magic Penny Magnet Kit
#3153921…..$29.95

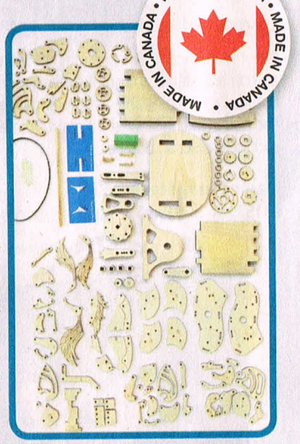


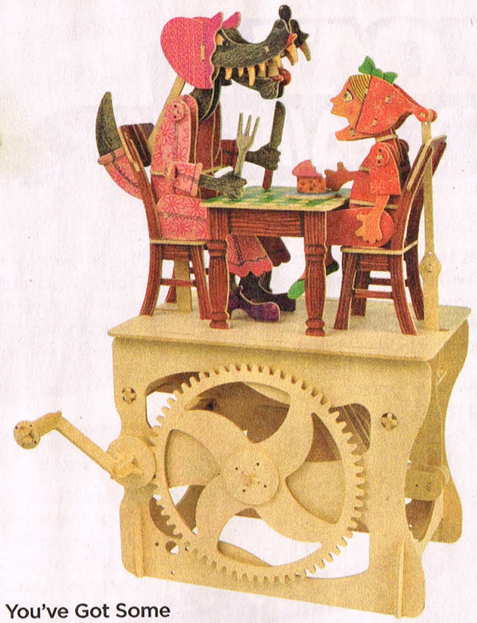


Explore the Mechanics of Horse Power

Crafted from laser cut cabinet grade plywood and carefully selected hardwood, this kit assembles into a mesmerizing animated horse. A simple turn of the crank brings the piece to life. All that is required is a razor saw, glue and sandpaper. A detailed instruction booklet with step by step instructions, tips and hints will help you along the way. Includes 221 components and a 36 page illustrated instruction booklet. Once assembled measures 12" x 5.5" x 12.5".

Mechanical Horse Automation Kit
#3156520…..$69.95

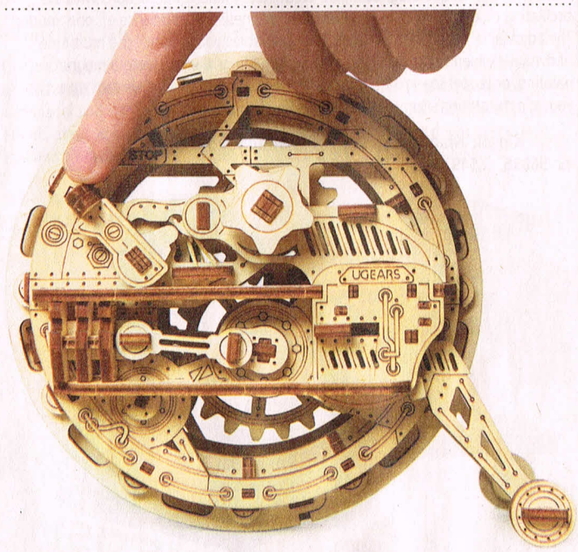




You've Got Some Big Teeth There, Grandma!

For the advanced hobbyist, this 84-piece kit features colorfully printed (and pre-cut) pine wood pieces that assemble into the famous Grimm's fairy tale! Simply crank the handle and watch the Big Bad Wolf scare Red! No glue or tools required. Assembled model measures 11" x 8.5" x 16". Includes full color step-by-step instructions. For ages 12+.

NEW! **Little Red Riding Hood Kit**
#3156893…..$64.95



The Wheel – Re-Invented!

This rubber-band propelled, mechanized disk operates in two running modes- with feet and without! Made of 300 pieces of laser-cut, sustainably sourced, high-grade wood, this model can roll up to 16 feet on its own power. Includes full-color step-by-step instructions. Assembly time: 3 hours. Measures 7.3" x 3.7" x 6.3". For ages 14+.

NEW! **MonoWheel Kit**
#3157079…..$44.95

Elementary Labware Worthy of The World's Greatest Detective

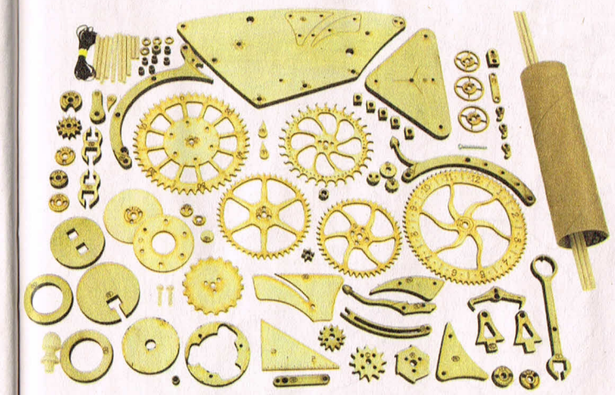
For the advanced hobbyist, this decorative microscope adds a Victorian-era, 'steam-punk' vibe to any classically adorned office, study or lab. Featuring 104 laser-cut plywood parts, optical lenses and fully illustrated 24-page instructions, this model measures 13.3" x 6.8" x 16.9" once assembled. No batteries required or glue required. For ages 14+.

NEW! **Victorian-Inspired Wood Microscope Kit**
#3157052…..$89.95

Decorative, Distinctive & Secretive

Once assembled, this elegantly carved wood box opens by a secret lid-opening mechanism allowing you to hide your valuable treasures... such as your spare car keys, a cell phone charger, breath mints, etc.. Includes 178 pieces and a full color illustrated manual that walks you through the detailed assembly process. This intermediate Level kit takes approximately 4-5 hours to assemble. Designed for the detail-oriented hobbyist ages 14+.

NEW! **Wooden Mystery Box Kit**
#3156848…..$59.95



Assemble a Device to Track the World's Most Precious Commodity – Time!

With meticulously designed parts, laser cut for accuracy, building a handcrafted wooden clock has never been easier. Along the way you will learn exactly what makes a wooden clock 'tick'. Includes 100 components and a 24 page illustrated instruction booklet. Once assembled measures approx. 13" x 7". See ***ScientificsOnline.com*** for more details

Mechanical Clock Kit
#3155188…..$74.95

- Mechanical 3D Models
- Designed for Detail-Orientated Hobbyist
- Eco-Friendly Plywood Snaps Together Like a Puzzle
- No Glue Required
- Assembly Challenge Typically Requires More Than a Single Sitting.
- For ages 14+

Mark Your Adventures & Memories on a Wall-Mounted Wooden Map

Once assembled, you can mark past and future travels on this impressive wooden wall map using markers, acrylic paints, mini flags or pins. This lightweight plywood map can be easily mounted to your wall using double sided tape (not included). Includes 48 pieces. The entry level kit takes approximately 1-2 hours to assemble. Designed for the entry level hobbyist, traveler or dreamer ages 14+.

NEW! **Wooden XL World Map Kit**
#3156850…..$99.95

Build It, Gear It, then Crank It Up

172 components with 42-page manual • Measures 12.3" x 22.4" x 9" when completed • Assembly Challenge: High (8-9 hours) •

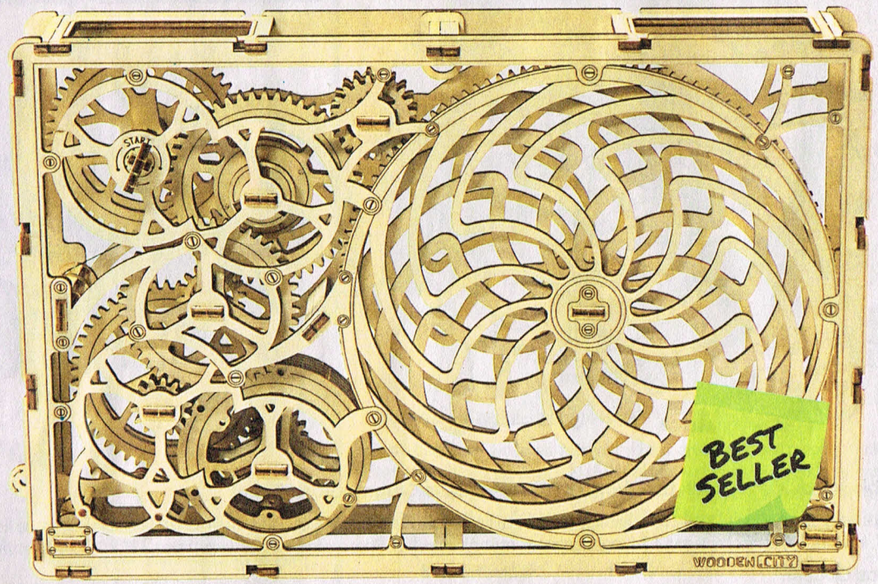
Mechanical Crane Kit
#3156325…..$49.95

FOR ADVANCED HOBBYISTS

Sensational, Hypnotizing Optical Illusion

Create your own kinetic desktop art with this advanced kit. The hypnotic motion of the components is activated by a motor that operates on high quality rubber-bands and will operate for approximately 1 minute - no batteries required. You've never built anything like it! Once assembled measures 13.3" x 8.8" x 2.4". Includes 185 components and a 61-page full color illustrated manual. Assembly challenge: Medium (6 hours).

Kinetic Picture Kit
#3156332…..$84.95



Launches Paper Airplanes up to 100 Feet!

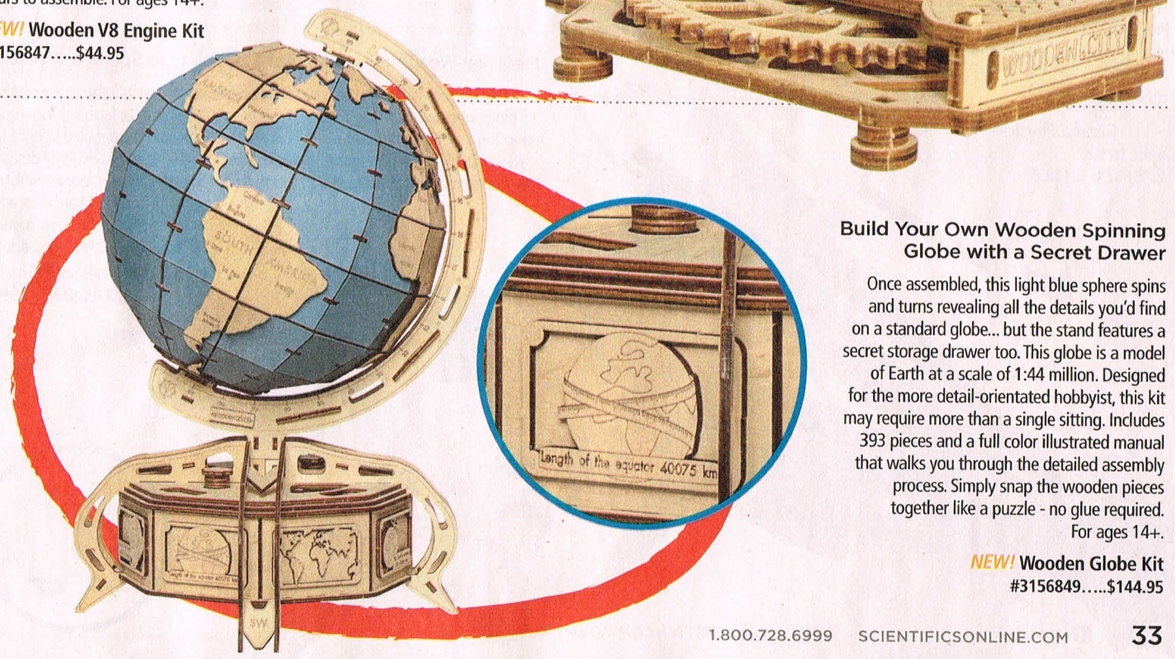
This DIY mechanical blaster will propel lightweight airplanes through the air at distances up to 100 feet! The wind-up rubber band motor means no batteries are required Make adjustments to the wing angles to perform crazy stunts like barrel rolls! Includes 3 different planes and 198 laser-cut wood parts. Will also launch paper and balsa wood airplanes of your own design. Average assembly time is 3 hours. Launcher measures 11" x 13" x 7" once assembled.

NEW! **Paper Airplane Launcher Wood Kit**
#3157049…..$39.95

Build a Wooden Mini-Model of a Formula One Race Car Engine

Once assembled, this V-shaped internal combustion engine model features 8 cylinders, pistons, a crankshaft and fan that actually move! Simply snap the wooden pieces together like a puzzle - no glue required. This mechanical 3D-model is made of high-quality eco-friendly plywood. Includes 200 pieces and a full color illustrated manual. This intermediate level kit takes approximately 4-5 hours to assemble. For ages 14+.

NEW! **Wooden V8 Engine Kit**
#3156847…..$44.95



Build Your Own Wooden Spinning Globe with a Secret Drawer

Once assembled, this light blue sphere spins and turns revealing all the details you'd find on a standard globe... but the stand features a secret storage drawer too. This globe is a model of Earth at a scale of 1:44 million. Designed for the more detail-orientated hobbyist, this kit may require more than a single sitting. Includes 393 pieces and a full color illustrated manual that walks you through the detailed assembly process. Simply snap the wooden pieces together like a puzzle - no glue required. For ages 14+.

NEW! **Wooden Globe Kit**
#3156849…..$144.95

Greek Mythology Meets Steampunk Technology

For the advanced hobbyist, this 100+ piece wood kit features colorfully printed (and pre-cut) pine wood pieces that assemble into an updated mechanical version of the Greek legend! With flapping wings and galloping legs, this wooden automation springs to life at the turn of its crank handle. No glue or tools required. Assembled model measures 15" x 16" x 17". Created by master automata designer Keith Newstead, this kit Includes full color, step-by-step instructions. For ages 12+.

NEW! **Pegasus of the Machine Age Kit**
#3156895…..$154.95

The Perfectionist's Medieval Weapon of Choice

Bull's Eye! This uniquely designed take on the medieval ballista enables you to accurately alter your trajectories to achieve precision target strikes. Our siege machine uses torsion spring bundle and lever arm (but no counterweight) to achieve amazing (and repeatable) results. Pre-cut 17-piece plywood kit may require sanding. Once assembled measures 18" x 14"x 10". For ages 14+.

NEW! **Garage Physics Ballista Kit**
#3156524…..$34.95

Fun Wooden Spinning Widget Trinkets

Make three different fidget models perfectly sized for storage in your purse or coat pocket. These clickers and spinners make great desk toys at the office too! A fun way to pass the time while waiting in line, these fun little DIY toys also make great conversation pieces. For ages 14+.

Wood Widget Kit (3-pack)
#3156330…..$11

Build Your Own Working Wood Roller Coaster

Learn about roller coaster design and conservation of energy while making an awesome kinetic wooden sculpture! This hand-cranked coaster is full of dips and turns with some engineering and physics thrown in. Made of 80+ laser-cut birch wood pieces. Takes 3-5 hours to build. Measures 8" tall when finished. Made in the USA. For ages 12+.

Marbleocity Dragon Coaster
#3155867…..$64.95

Motorize Your Kit! (not shown)
#3156314…..$14.95

Medieval Weapon Physics - Not a Bad Way to Spend a Weekend!

Construct your own heavy duty wooden trebuchet that will throw the included ping pong ball more than 30 feet (and heavier objects a lot farther!) Includes an exceptional step-by-step instruction guide with photos and the detailed science that makes it all possible. Made of ¾" sanded pre-cut plywood, this expertly designed physics demonstrator features a 21" long throwing arm. This 10-piece assembly kit also includes the needed hardware and a 1 kg counterweight. Tools required include screwdriver and hammer.

Garage Physics Trebuchet
#3155813…..$69.95

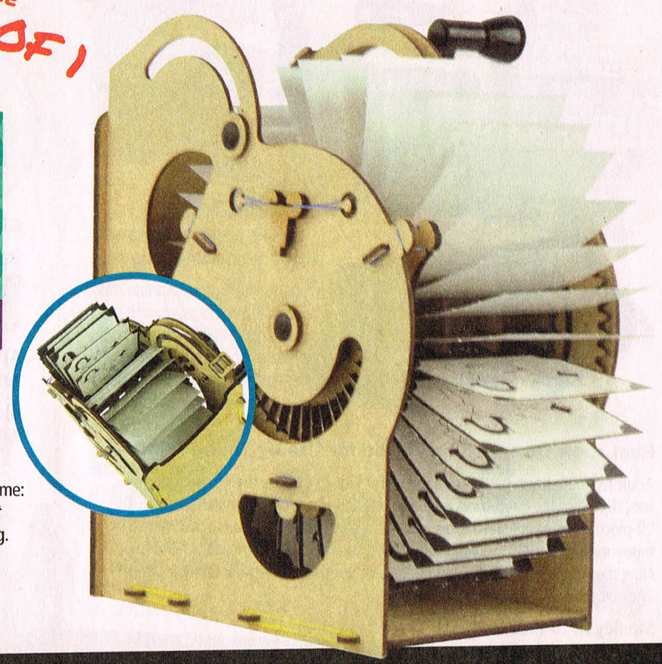
Limited to stock on hand.
No back orders. Act quickly!

2 KITS FOR THE PRICE OF 1

Bring Your Cartoons to Life as You Spin the Handle

Create a real animation maker with this 167-piece wood kit. View the included cartoons then create your own! No tools or glue required. Average assembly time: 1 hour. Measures 9" x 9" x 4" once built. ***PLUS get the Color Imaginator Kit too!*** This 2-piece kit features 125 parts and explores the science of color mixing. For ages 8+.

Retroscope Kit + FREE Color Imaginator Kit
#3156997…..$44.93

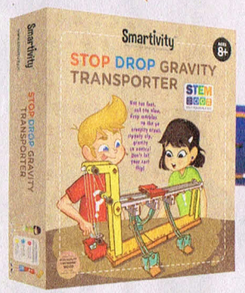


2 FOR THE PRICE OF 1

Assemble a Working Hydraulic Arm

For advanced learners, you'll create a mechanism to explore pressure and lift with hydraulics with this 256-piece wood kit. No tools or glue required. Average assembly time: 2.5 hours. kit Measures 24" x 10" x 7" once built. ***PLUS get the Gravity Transporter Kit too!*** This factory simulation allows you to experiment with friction and tension using a pully system. For ages 8+.

Hydraulic Arm Kit + FREE Gravity Transporter Kit
#3156998…..$44.93



Limited to stock on hand. No back orders. Act quickly!

Real Tools Designed and Sized for Use by Young Hands

Adult tools are heavy and cumbersome for kids to handle. Unlike common toy sets, these quality hand-tools are designed and sized to suit your child's grip. This 10-piece set of junior sized tools includes a saw, screwdriver, wrench, hammer, tape measure, safety goggles, work gloves, toolbox belt, spring clamp and ruler. Now they're ready to tackle real projects by your side with their OWN tools. For ages 8+ with adult supervision.

Stanley Jr. 10-Piece Tool Set
#3155236…..$54.95

A

Classic Wood Kits – Best Built Together!

Stanley Jr. wood kits offer parents and children the opportunity to spend quality time together while learning new woodworking skills. Full instructions and hardware included. Tools required (not included): clamps, file, screwdriver, drill, handsaw, hammer, glue and sandpaper. For ages 8+ with adult supervision.

A) Hanging Bird Feeder Kit (7" x 5 ½" x 7")
#3156474…..$24.95

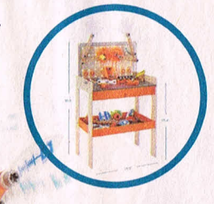
B) Classic Toolbox Kit (12.8" x 6.7" x 9.9")
#3156475…..$24.95

B

Begin Developing Their Engineering Skills Early

The urge to invent and experiment with the physical world comes very early to children and this bench gives children the chance to interact with mechanical phenomena and demonstrate key scientific principles. Young engineers can conduct 15 experiments including a boom gate, rotating LED light, gravity vehicle, crane, robot head, wind maker, waving or grabbing hands, zoetrope, picture flipper and more! Includes 79 pieces. Measures 19.3" x 30.5" x 11.8". For ages 4+.

NEW! **Deluxe Scientific Workbench**
#3156836…..$129.95

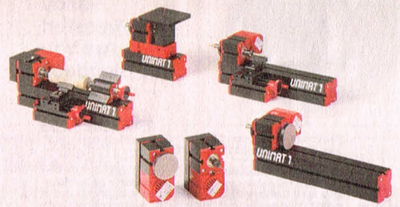


WOODWORKING

Functional, Real-Metal Miniature Machine Tools

With primary components made of aluminum, this high quality, multi-functional, child-friendly workshop is perfect for use by adult model-hobby enthusiasts. This wood shop contains all jigsaw components with diverse variations for wood turning including a hand sander, a stationary sander and a hand-held drilling machine. These tools have the same features as big industrial machines, the only differences being their size and the 12V drive. Made in Austria. For ages 8+ with adult supervision.

Unimat BASIC 4-in-1 Wood Shop
#3155568…..$249.95



BUILDING CONFIDENCE

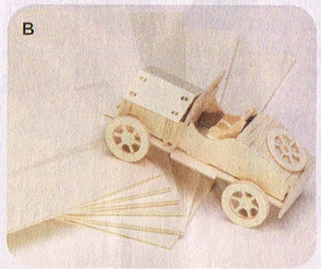
The World's Only Child-Friendly Working Jigsaw

This fully operational wood-crafting workshop is perfect for entry-level "Do-It-Yourselfers". It's kid-safe, but adults use it too for easy-crafting with soft wood -creating doll-houses, crafting ornaments, gifts, etc. The short strokes allow for precise cutting. The blade only vibrates and does not injure the skin. Easy to assemble, this 4-in-1 workshop contains a jigsaw with sander, drill-press, and wood lathe PLUS accessories. Primary components are made of plastic. Made in Austria. For ages 6+ with adult supervision.

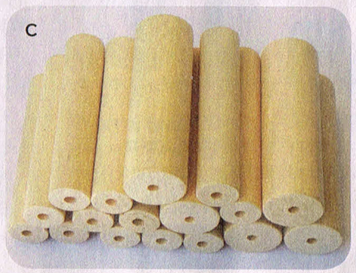
A) Playmat 4 in 1 Workshop
#3155567…..$104.95

B) 4 Poplar Plywood Pieces (8" x 11")
#3156380…..$11.95

C) 17 Extra Wooden Dowels (20mm & 30mm)
#3156379…..$22.95



B



C

STANLEY Jr.

"Yeah, I built it!"

Grayson, age 10 –

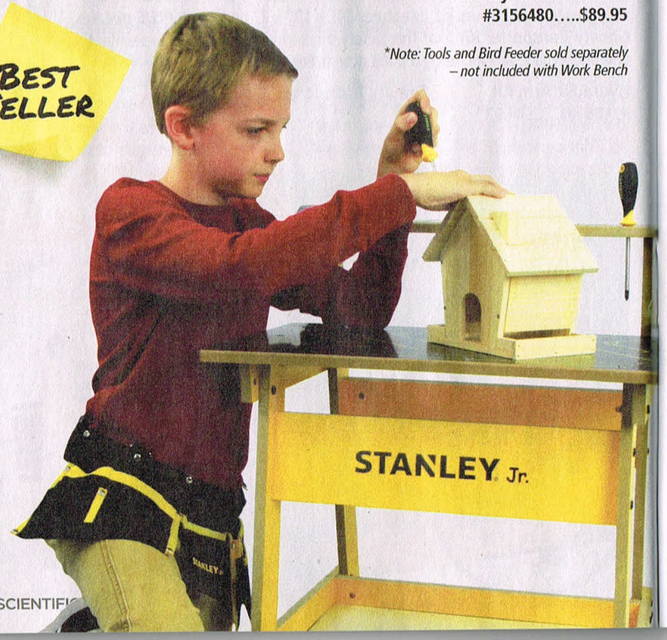
BEST SELLER

A Quality Maker-Space of Their Very Own

Start your child off with the right footing by assembling their own personal workbench with them. This scaled down workspace is made of heavy duty construction and is slotted to accommodate the Stanley Jr. real tool kit (shown here but not included). Assembly requires hammer and screwdriver. Allen wrench and hardware are included. Once assembled measures 23.6" x 19.8" x 32.1". For ages 8+ with adult supervision.

Stanley Jr. Work Bench
#3156480…..$89.95

**Note: Tools and Bird Feeder sold separately – not included with Work Bench*



SCIENCE CLASSICS

$7 ea. On 2 or More

Handy Heat-Transfer! Are You Hot-Blooded?

Hand Boiler
#3052382.....$8

Please note: Cannot ship to AK & HI.
Ships UPS Ground only. No 2nd Day. No PO Boxes.

⚠ WARNING — CHOKING HAZARD keep away from children under 3 years. Please note this product is not a toy and is not intended for use by children under age 8. Contains methylene chloride and may stain clothing and other surfaces. Do not swallow liquid or allow to come in contact with eyes or skin. Non-flammable. Keep away from flame or other heat sources.

$5 ea. On 2 or More

Invert It, Spin It, Pop It, Drop It!

Zeebeez
#3053205.....$6

$7 ea. On 2 or More

Generates Light & Sound From Your Touch

Energy Ball
#3155313.....$8

$15 ea. On 2 or More

BEST SELLER

The Icon of All Science Toys

Famous Drinking Bird (2-Pack)
#3053617.....$16

This bird uses thermodynamics to quench its thirst!

Please note: Cannot ship to AK & HI.
Ships UPS Ground only. No 2nd Day. No PO Boxes.

⚠ WARNING — CHOKING HAZARD keep away from children under 3 years. Please note this product is not a toy and is not intended for use by children under age 8. Contains methylene chloride and may stain clothing and other surfaces. Do not swallow liquid or allow to come in contact with eyes or skin. Non-flammable. Keep away from flame or other heat sources.

$5 ea. On 2 or More

The Nerdiest Contest Ever Devised!

Nose Aerobics Glasses
#3153654.....$6

$10 ea. On 2 or More

Build a Tiny SOLAR Racer

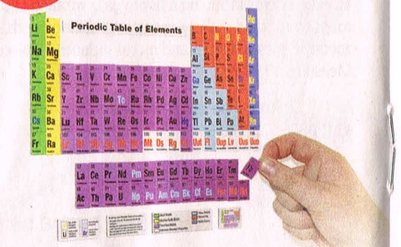
20-pieces. For ages 8+.

Rookie Solar Racer v2
#3155438.....$11

$13 ea. On 2 or More

Create 10,000+ Words on Your Fridge

Periodic Table Magnets
#3156385.....$14



$17 ea. On 2 or More

Add Direct Sunlight to Bathe Your Room in a Dazzling Display of Color

Holographic Rainbow Window Prism
#3081424.....$18

Smart Stainless-Steel Drinkware

Elements of Genius Tumbler (14oz.)
#3156802.....$16

$15 ea. On 2 or More

Two Brains are Better Than One – So Grow Another!

Drop this 2" polymer brain into fish bowl, fill with water, and watch it grow to the size of a full sized, adult human brain in just a matter of weeks!

NEW! **Grow a Brain**
#3156980.....$11

$10 ea. On 2 or More

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$35 to $75	$11.95	$13.95	$23.95	$33.95
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* Certain heavy or oversized items may have added shipping charges.

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Our Guarantee: If you are not satisfied with your purchase, simply return the item within 30 days of purchase, and we will exchange the item or refund the cost of the merchandise amount less any appropriate shipping charges. If you paid with a check or money order, we will send you a refund check. If you used a credit card, we will refund your account. Please note, we do ask that the item be returned in its original packaging, ready for resale and that you ship the item back to us, or a restocking charge may apply.

Standard Shipping: Orders ship FedEx, UPS or USPS (**our choice**). Place your order online by 3PM EST, Monday through Friday, and your order (in-stock items only) will be delivered in the continental US within 3-7 business days (contingent upon credit approval). Items are shipped from stock, assuring fast delivery to you. If an item is temporarily out of stock, you will receive a back order notice via e-mail. The balance of the order will be shipped as soon as possible. Orders must be received by 2pm EST Monday through Friday to be Express shipped for next possible business day delivery.

Pricing: We occasionally make errors and reserve the right to correct misstated prices.

Express Shipping: Express orders must be received online by 2 PM EST to be processed same day with expedited shipping (Express, Rush). Express orders placed on Friday arrive Monday, and Rush orders placed on Friday arrive Tuesday. Scientifics reserves the right to contact the customer about excess shipping charges before shipping overweight items Express. Please note that expedited shipment processing begins when Scientifics processes the order, and not when it is placed online. Shipping time may vary as it is subject to product availability and payment processing/credit approval periods. Due to their chemical contents, Hand Boilers and Drinking Birds cannot ship with expedited shipping.

Kids Will Love to Bathe with the Soap They Create!

With this kit you will be able to make delightful, high quality soaps using the included transparent glycerin. After microwaving, the soaps cool down within minutes and take the shape of flowers, sea-shells, dolphins and more. This product has been medically tested and can be applied on even the most sensitive skin. Made in France. For ages 8+.

Soaps & Scents Kit
#3155210…..$29.95

MADE IN FRANCE • MADE IN FRANCE •

Create Cosmetic Products in Total Safety

This fantastic laboratory kit contains ingredients and special formulas to carry out fun experiments exploring the science of cosmetics. This rich 16-page manual features plenty of activities and guides children as they create perfumes, soaps, creams, aromatic bath salts and much more. See ***ScientificsOnline.com*** for full list of ingredients. Made in Italy. For ages 8+.

Perfumes & Cosmetics Kit
#3155877…..$54.95

Create 6 Pots of Scented Cream with 100% Natural Oils

A fantastic, quality laboratory of cosmetic products. Made in France. For ages 8+.

Cosmetic Lab Kit
#3155208…..$44.95

GENDER NEUTRAL

Prepare, Pamper, Repeat

Recreate the spa experience in your own home by preparing delicately scented bath salts, shower gels and colored foam baths with this unique chemistry kit. These preparations are simple, harmless and fun and guarantee relaxing moments in your own bathroom laboratory. Kit includes: softening base, foam base, citric acid, scents, colorants, and instructions. For ages 8+.

Spa Lab Kit
#3153588…..$44.95

A Complete Perfumer's Laboratory!

The Perfume Science Experiment Kit includes 8 high-quality perfume oils, decorative flacons (small bottles) for storing your perfume creations and important tools of the trade. The 48-page full-color manual includes information about the biology of smelling, the chemistry of perfume, the fine fragrance industry, and the history of perfumes. For ages 10+.

Perfume Science Experiment Kit
#3081253…..$64.95

Use 8 Natural Fragrances to Create 100+ Colognes

Includes 8 base perfume elements, 8 droppers, 3 flasks & more. Made in France. For ages 8+.

My Perfume Workshop Kit
#3155560…..$44.95

Chemistry Kit Pays Homage to 'Day of the Dead'

Explore the super sweet science of sugar by creating sugar skulls, chocolate lollipops, rock candy sticks, gummy gems and sugar glass. Features 23 pieces including a sugar skull mold and candy molds, rock candy sticks and full instructions. You supply the sugar. For ages 8+ (adult supervision required).

NEW! **Confectionery Science**
#3156987…..$15.95

A Colorful Bubbling Creature Reaction

Extract the 2 Beaker Creatures from their mysterious reactor pods with this 15-piece super lab. Drop the reactor pod into the chamber then pump in the reactor liquid using the two Hydroplungers. Watch as it triggers the amazing bubbling reaction to help in extracting your creature. The working lab set also comes with the equipment and instructions needed to perform amazing real-world science experiments. Pod colors and creatures vary. For ages 5+.

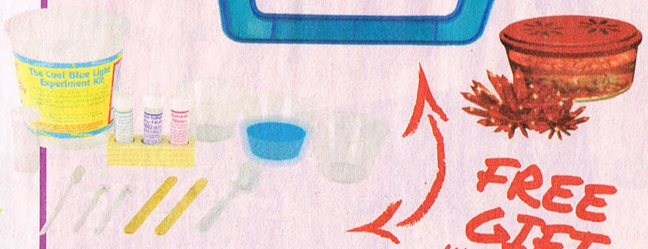
Beaker Creatures Super Lab
#3156494…..$24.95

CHEMISTRY

Create Your Own Scented Effervescent Bath Bombs

Compress a subtle mixture of cosmetic products, enriched with almond oil and glycerin, into different mold shapes. Once hardened, immerse these creations for a delicately colored, scented and sparkling bubble bath! Includes 4 molds, 3 colorants, 2 fragrances, 8 base sachets and much more. For ages 8+.

Bath Bombs Kit
#3156389…..$35.95



Crystal Science Experiment Kit Packed in a Case

Grow a variety of colorful crystal formations with this deluxe science kit. Watch as crystal systems develop over the course of several days. Housed inside a hard plastic carrying case, this kit contains 6 bottles of multi-color crystal growing chemicals plus six 4" containers, tweezers, magnifier, safety goggles and more. Includes clear step-by-step illustrated instructions. For ages 10+.

Deluxe Crystal Growing Kit in Case + FREE Cool BLue Light Kit
#31570017…..$34.95

Slimy, Bubbly & Colorful Intro to Chemistry Basics

Grab your beakers and test tubes and step up to your special laboratory station for some exciting chemistry experiments. Experiments on printed cards clip to the lab station for easy reference. Each includes fizzing reactions, oozing bubbles & much more. For ages 6+.

A) Ooze Labs Chemistry Station (40 components, 20 Experiments)
#3156335…..$39.95

B) *NEW!* Ooze Labs UFO Alien Slime Lab (28 components, 10 Experiments)
#3156871…..$34.95

C) *NEW!* Ooze Labs Soap & Bath Bomb Lab (35 components, 10 Experiments)
#3156872…..$34.95

Ooze Labs Chemistry Station MEGA Pack (ALL 3 KITS!)
#3156891…..SALE $94.85…..reg.$109.85

3 Great DIY Gummy Candy Kits for 1 Amazing Price!

Mold HUNDREDS of your own delicious gummy candies using a natural gelatin-like ingredient called carrageenan that comes from seaweed! Flavor and sweeten your mixture and then pour the gummy shapes in the included molds. You can even add citric acid to make sour gummies! Create gummy bears, unicorns, rainbows, worms and many more! Ingredients included. You add water, food coloring and kitchenware. For ages 8+.

***NEW!* Gummy Candy Labs - MEGA Pack**
(Original, Rainbow & Gross Design Kits)
#3156890…..SALE $49.95…..reg. $65.85

Slime that Proves the Existence of....Science!

Let young 'ghost hunters' creatively experiment with phosphorescent slimes and polymers. Is that glowing slime really spooky ectoplasm? No, silly, this is real science- and it's fun too! Take an imaginative approach to chemistry that introduces early learners to some chemistry basics. The 16-page illustrated manual guides you through this playful adventure. For ages 8+ with adult supervision.

***NEW!* Ghostly Science**
#3156946…..$29.95

Kick Back with a Frosty One

Make 2 liters worth of home-brewed root beer. Includes: 2 oz. root beer extract, special brewing yeast, funnel, project guide, blank labels, storage container. You supply the 2-liter plastic bottles and sugar. For ages 8+.

Brew Your Own Root Beer Kit
#3053212…..$17.95

Experiments You Can Eat!

Explore the science and chemistry involved in making your favorite candy. Candy Chemistry Kit does not contain hazardous chemicals or food items – just use ingredients from your kitchen. Melt molding chocolate and observe the phases of matter as the temperature increases. Wintergreen candies reveal the phenomenon of triboluminescence. Give your "sweet genius" hands-on experience with measurements, conversions, volumes, weights and more. Includes 25 experiments, plastic and metal molds, candy thermometer, spatula, dipping fork and instruction manual. For ages 10+.

Candy Chemistry Kit
#3152781…..$41.95

WARNING This set contains chemicals and parts that may be harmful if misused. Read cautions on individual containers and in manual carefully. Not to be used by children except under adult supervision.

Create Your Own Flavorful BBQ Sauces, Rubs & Marinades

This kit includes 10 assorted spices, recipes and instructions to create your own BBQ sauces, rubs and marinades for all types of meats. Also features 3 glass bottles with caps and labels, a wide mouth funnel, vinegar and additional recipes for side dishes that will compliment your barbeque!

DIY Backyard BBQ Kit
#3156624…..$24.95

Experiment with Reactions that Happen in the Kitchen

Discover the science of food with this hands-on kit that contains real kitchen utensils. The rich recipe book guides you through making easy (and tasty!) culinary experiments. You'll provide the ingredients for experimenting with fruits, eggs and dairy products, such as milk and yogurt. You'll also create gummies, edible gelatin pearls & more! Made in Italy. For ages 8+ with adult supervision.

Kitchen Laboratory
#3153969…..$59.95

Made in Buffalo by Buffalonians... The Home of the Chicken Wing!

Hit High Marks on the Scoville Scale

Test the bounds of hot sauce technology with this red-hot kit! Includes six spices, three bottles and instructions for creating a range of sauces, running from mild to lip-melting intense.

Make Your Own Hot Sauce Kit
#3097700…..$19.95

Real Labware for Future Chemists

This collection of quality labware is perfect for the serious chemistry student. Includes 4 test tubes with rack, glass beaker, Erlenmeyer flask, measuring cylinder, funnel, alcohol burner with stand, tweezers, thermometer, scoopula, and glass stirring rod all packed inside a fitted foam wood display box for safe storage. All labware is reusable and easy to clean for years of experimentation. For ages 8+ with adult supervision.

The in-depth Activity Guide has step-by-step instructions for experimenting with chemical reactions, heat transfers, molecular bonds and much more. You supply every day house-hold items such as sugar, water and food coloring.

Complete Labware Kit in Wood Case
#3156610…..$109.95

Exceptional *BEGINNER* Chemistry Set

Begin to build a strong foundation in chemistry with exposure to a broad range of chemical phenomena and hands-on laboratory experiences. The 80-page, full-color experiment manual guides aspiring young chemists through each of the 125 experiments. Kit includes safety glasses, professional-quality equipment and enough chemicals for repeated experiments. Uses a 9V battery (not included). This kit provides clear instructions for preparing and performing the experiments, offers safety advice, offers explanations for the observed occurrences, and asks and answers questions about the results. See ***ScientificsOnline.com*** for complete list of contents. For ages 10+.

CHEM C1000 Chemistry Experiment Kit
#3152699…..$69.95

Value-Priced Chemistry & Physics Lab All-in-One

Join your child in performing 37 unique STEM experiments with the included 30 components such as chemical reactions, surface tension, acids & alkalis, creating crystals, invisible ink, rocket launch and much more. Contains plastic labware, chemicals, food coloring, safety goggles and a fully illustrated 47-page activity guide. You supply some common household materials like baking soda, corn starch and soda pop. For ages 10+ with adult supervision.

STEM Fun Chemistry Kit
#3155848…..$29.95

Exceptional *ADVANCED* Level Chemistry Set

CHEM C3000 is the ultimate experimentation kit for aspiring chemists. Featuring professional-grade equipment, this kit includes all of the components from CHEM C2000, plus dozens of additional tools and chemicals, and 100 additional experiments, for a total of 333 experiments. The 192-page, full-color experiment manual is written at a more advanced level than the other CHEM kit manuals. CHEM C3000 is an excellent preparation for high school level chemistry. For ages 12+.

CHEM C3000 Chemistry Experiment Kit
#3152701…..$284.95

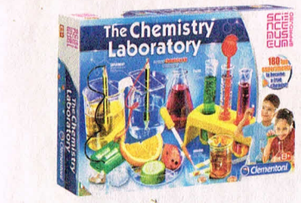
WARNING: This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

Exceptional *INTERMEDIATE* Chemistry Set

CHEM C2000 includes everything in CHEM C1000 and more — with twice the tools and materials, and more than three times the experiments. The 128-page, full-color manual guides aspiring young chemists through 250 experiments. Thorough safety precautions and instructions ensure safe experimentation. Professional quality equipment helps you make the most of your chemistry experiments. For ages 11+.

Chem C2000 Chemistry Experiment Kit
#3152700…..$164.95

WARNING! – This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.



CHEMISTRY

Safely Perform 180 Safe & Engaging Science Experiments

Learn how the molecules of many natural and artificial substances are structured with this 40+ piece kit. All 180 activities are explained in detail in the step-by-step illustrated 62-page manual. The kit includes a vast range of labware and 7 safe and certified chemical substances. You supply common household items like coins and fruits. See ***ScientificsOnline.com*** for complete contents. Requires 3 AA batteries (not included). Made in Italy. For ages 8+.

The Chemistry Laboratory
#3155878…..$64.95

A Complete Beginner's Lab — Just Add Curiosity

With this comprehensive kit, young scientists will use the included laboratory instruments like a 300x microscope and a centrifuge to conduct 150 experiments in chemistry, biology, microbiology and forensic genetics. The extensive 64-page illustrated manual will guide your child through the experiments in complete safety. Includes a 19" x 7" display platform, test tubes, pipettes, and assorted labware. Requires 2 AA batteries (not included). Made in Italy. For ages 8+.

Science in the Laboratory Kit
#3156377…..$79.95

EMBRACE PROBLEM SOLVING

I'M A GENIUS
science
8-12
300 CHEMISTRY experiments
Perform marvels with science!
A RICH ASSORTMENT OF COMPLETELY SAFE AND SPECTACULAR SCIENTIFIC EXPERIMENTS, TO HAVE FUN A WHOLE YEAR!
GREAT ILLUSTRATED MANUAL
A REAL LABORATORY FOR YOUNG SCIENTISTS!
NEW!
MADE IN ITALY

An Advanced Kit for the Serious Chemistry Student

Experiment with measurements and instruments as you make observations and share your results with this advanced chemistry kit. The detailed and illustrated 64-page full color manual walks you through 300 experiments or observations intended to help students master the scientific method. Contains pipette, plastic syringe, Petri dish, graduated cup, test tubes, tweezers, spatula, litmus paper, balloons, bowl, scoop, 10 chemicals and more. You'll be asked to provide some common household ingredients like sugar, a kitchen scale, vinegar, flour, oil, eggs, salt, soil, chalk, etc. For ages 8+ with adult supervision.

NEW! **300 Chemistry Experiments**
#3156944…..$49.95

Make Your Geologic Collections Sparkle

Everything that is needed to enjoy this unique and interesting hobby that turns ordinary rocks into polished gemstones is included. Two styles: single or double barrel. **Single Barrel** kit includes a 3 lb. capacity rubber barrel tumbler, rocks, grit package, jewelry making kit and a detailed manual. **Double Barrel Kit** has a 6 lb. capacity and grit pack only. Create fascinating specimens for gifts, collections and more. 115V continuous overload protector motor. AC powered.

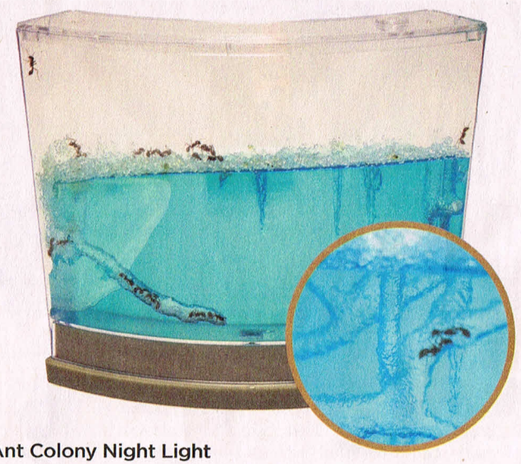
A) Single Barrel Rock Polishing Kit
#3080276…..$169.95

B) Double Barrel Kit – 6 lb. total capacity
(includes grit package only)
#3039063…..$209.95

5-Step Grit Polish Pack
#3036999…..$31.95

C) Accessory Kit
(includes grit pack, 4 lb. rock and jewelry kit)
#3052042…..$54.95

SEE FULL SPECS ONLINE



Ant Colony Night Light

The special blue gel included in this kit was developed by NASA to study ant behavior in space. The gel contains all nutrients needed for the ants to thrive - no additional food or water needed! Watch ants work together to build tunnels, chambers, and bridges! Includes tank with pre-mixed nutrient gel, a tunnel starter tool, magnifier, LED base, AC power adapter with USB option and instructions (Ants are NOT Included in the kit or the price). Contact information for ordering ants separately IS included (but you may collect and use your own wild ants).

NEW! **The Illuminated Ant Habitat**
#3156346…..$24.95

Phenomenally Gross! But Great Hands-On Science

These sterilized real owl vomit pellets contain indigestible parts from an owl's meal – the fur, feathers and skeletal bones. Use the included tool to safely separate the dried contents. The included bone chart will help you identify and reconstruct the bones of birds, moles or voles. What will YOU uncover & identify? Includes 3 sterilized owl pellets, 2 probes and a bone chart. Made in the USA. For ages 8+.

NEW! **Complete Owl Pellet Lab Kit with 3 Pellets**
#3156996…..$22.95

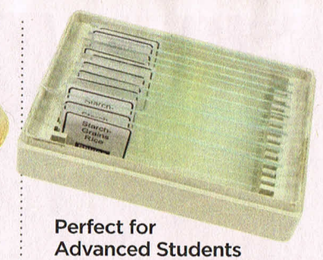
ADD **More Owl Puke Pellets**
#3156995…..$7.00 each

A COLLECTION OF
OWL PELLETS
FOR THE
STUDENTS OF THE FANTASTIC
& COLLECTORS OF THE REMARKABLE
KIT CONTAINS: 2 LARGE STERILIZED OWL PELLETS, BONE CHARTS, & PROBES
NEW!

Mini Binocular with LED Light & Chain

Elegant and lightweight, this 3x metal binocular features fully coated BaK-4 glass. Perfect for the theater or sporting events.

Broadway Opera Glasses
(with LED light & chain)
#3156528…..$37.95



Perfect for Advanced Students & Amateur Biologists

This set of 25 prepared glass slides ships in a hard-shell, plastic case. Includes botany, human, and animal specimens.

Prepared Glass Slides (Set of 25)
#3157086…..$24.95

SALE!

Science Tools for Young Explorers

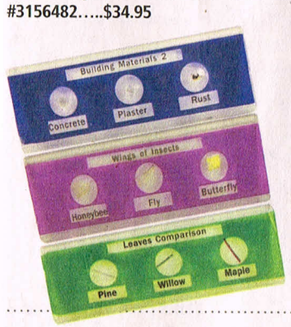
This 22-piece kit includes an LED illuminated microscope with 3 objective lenses (50x, 150x & 250x) plus a 30mm telescope attachment!

Celestron Kids Microscope/Telescope Kit
#3155413…..SALE $19.93…..reg. $39.95

72 Unique Specimens on 24 Slides in a Wood Case

These shatterproof plastic slides are prepared with a variety of specimens- 3 per slide! Color-coded by category, you'll view plants, insects, human & animal blood cells, and much more! Contains 24 slides featuring 72 separate specimens for viewing safely packed in a wood storage box.

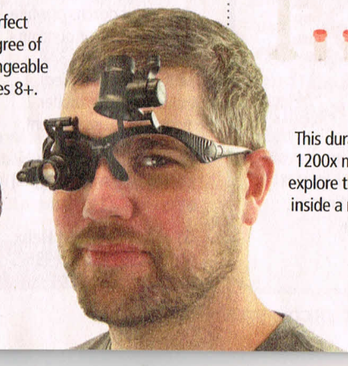
NEW! **Prepared Slides Gift Box**
#3156482…..$34.95



LED Illuminated Magnifying Glasses

These high-powered LED magnified glasses are the perfect hands-free tool for working with small objects. The degree of magnification is self-controlled with 4 sets of interchangeable lenses (10x,15x,20x or 25x). Batteries included. For ages 8+.

LED Magnifying Loupe Glasses
#3156612…..$29.95



Capture Microscopic Images With Your Smartphone

This metal microscope offers super sharp optics that can be further enhanced with the addition of your smartphone! With magnifications of 100x, 450x & 900x, this 9" microscope includes a smartphone adapter to expand your view and allow you to take photos or video of the microscopic specimen. Also includes 39 other accessories (such as slides & tweezers) all contained inside a hard plastic carrying case with instructions. Requires 2AA batteries (not included). For ages 8+.

Microscope Set with Smartphone Adapter
#3155841…..$64.95

Your Child's First Real Microscope Kit

This durable metal bodied microscope features magnifications of 300x / 600x / 1200x making it the perfect introductory telescope for young learners eager to explore the microscopic world. There are 41 accessories included and contained inside a rugged carrying case to help keep everything organized. Requires 2 AA batteries (not included). For ages 8+. Adult supervision recommended.

Youth Microscope Value Pack
#3156481…..$54.95

LAVA® THE ORIGINAL

An American Icon Since 1960

Visually relaxing, these 14.5" Lava Lamps transform colorful wax into endlessly breathtaking patterns. New multi-colored glass adds a new twist to the experience.

A) Graffiti Lava® Lamp
#3156518

B) Star Bubbling Lava® Lamp
#3156519

C) Rainbow Lava® Lamp
#3155720

D) Gold & Glitter Lava® Lamp
#3156812

E) *NEW!* Metallic Lava® Lamp
#3157047

FREE GIFT WITH PURCHASE ($19.95 VALUE)

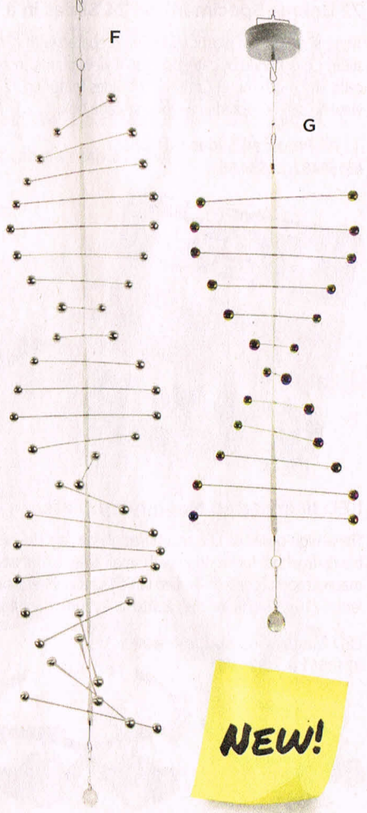
Bring Outer Space into Your Work Space

During the day, this beautiful deep-blue reflecting globe enhances any desk or nightstand. But in the dark? Wow! LEDs within this 8" diameter globe illuminate a galaxy's worth of star points. This illuminated celestial lamp décor features a built-in sleep timer. Requires 3 AA batteries (not included). For ages 14+.

Celestial Globe + FREE LED Infinity Optics (6")
#3157005.....$24.95

Let the Building Blocks of Life Carry You Off into a Trance

Designed like a DNA helix, this motorized indoor mobile will mesmerize all with its relaxing rotational movement. The motor silently sends an impulse of energy down the helix once every minute keeping the mobile continuously in motion for many months - on a single set of batteries! Witness the slow- motion waves twist and turn from top to bottom and back up again. Vary the ambient light in your room and the rhythmical wave patterns will project hypnotic shadows. The glass pendant may reflect dozens of white stars onto the surrounding wall, too! Requires 3AA batteries (not included). Includes mobile, orbiter motor, and glass pendant.



F) *NEW!* Dancing Helix Motorized Mobile (62")
#3156942.....$79.95

G) *NEW!* Dancing Helix Motorized Mobile (36")
#3156941.....$59.95

Mirror, Mirror on the Wall, Teleport Me Through the Wall!

The Infinity mirror recreates the effect of standing between two mirrors that are facing each other. In full daylight it acts just like an ordinary mirror, but in a darkened room just switch on the mirror lights and experience some incredible optic effects! Includes a complete guide. Frame: 14" x 12.5". Mirror: 11" x 9.5". AC powered via fixed 5' power cord with switch.

Infinity Mirror
#3155203.....$64.95

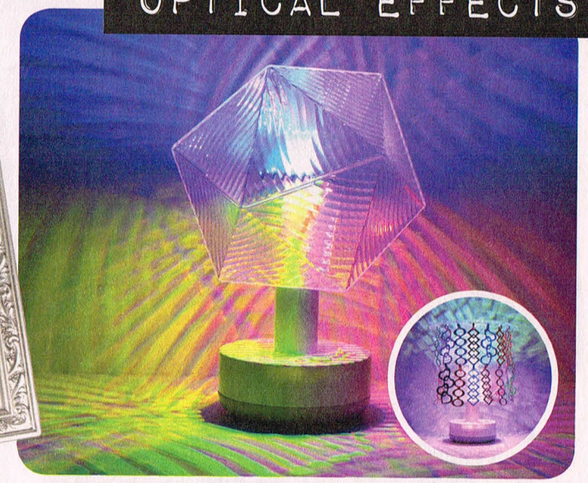
Solar-Activated Bliss

This dual crystal rainbow factory self-activates in direct sunlight, shooting and spinning dozens of delightful rainbows throughout your home or office. Every day the sun shines directly on the unit, these two Swarovski® 30% lead chandelier grade Austrian crystals will produce an 'orchestration' of magnificent colors guaranteed to brighten your day. Best of all, with a 3" x 4" wooden base, the simply elegant tabletop design will make for a sophisticated conversation piece – even on cloudy days.

The facets of the crystal prisms and the rate of rotation were carefully selected for the most enjoyable effects after years of experimentation and observation. This product is patented and made in the USA. We carry several different rainbow makers, but this model unquestionably produces the best moving light show with the most rainbows.

Serenade Dual Crystal Rainbow Maker
#3153562.....SALE $104.93.....reg. $119.95

OPTICAL EFFECTS



Assemble a Lamp with Amazing Lighting Effects

Build and decorate a real lamp that projects 10 amazing lights shows all over your room. First assemble the party lamp electronic components (no soldering required) and lamp housing then customize your lamp shades – use Mood shade for a soothing glow or decorate the Sparkle shade with 70 decorations. Includes all electronic components, 2 shades, 200 stickers, and more. Approx. 30-minute assembly time.

***NEW!* Deluxe 3-in-1 Party Lamp Kit**
#3156901.....$59.95

Creates an Amazing Light Show – From Any Angle!

A little bit of science, a little bit of art, and a whole lot of cool, this Lightning Ball is simply the ultimate interactive light show. Blending specially formulated inert gases, it creates a dramatic display of light inside a hand-blown glass sphere! Featuring a super-large 8" glass sphere, the Lightning Ball comes complete with its own AC power adapter. Black base design may vary. Requires 4 AAA batteries (not included).

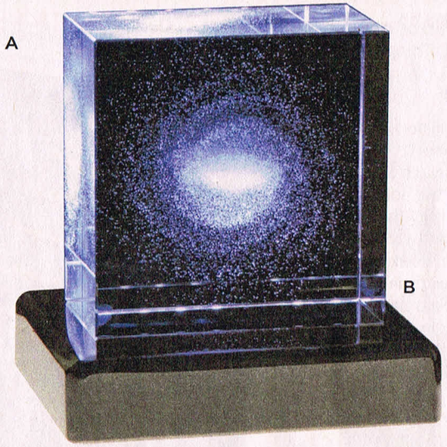
A) Lightning Ball (8")
#3081803.....$44.95

B) USB or Battery Powered Plasma Ball (3")
#3156384.....$22.95

All-Purpose Binocular for Celestial & Terrestrial Viewing

Powerful, portable and easy-to-use, our Astroscan® Helion binocular is perfect for stargazing, moon viewing, comet tracking as well as bird watching, hunting, travel, sports and more! A perfect companion to our Astroscan® Millennium Telescope, this high quality binocular is made of aluminum alloy featuring BK7 glass prisms with 7x magnification. Includes fold-down objective lens cups, removable eyepiece cups, straps and a soft carry case.

Astroscan® Helion 7 x 50 Binocular
#7170155…..$39.95



An Exquisite Combination of Art, Science, and Technology

Own a true collector's item by internationally renowned artist Bathsheba Grossman, who uses laser beams to create works of art. Each pulse of the beam passes freely through the glass except at its focal point, where the concentrated energy causes a tiny fracture. These microscopic sparkles catch the light, forming a permanent design floating inside the crystal. The Galaxy Crystal is a cosmic paperweight modeled after views captured at the NASA Goddard Space Flight Center. Viewed best against a dark background. Measures 3.5" x 3.5" x 1.75".

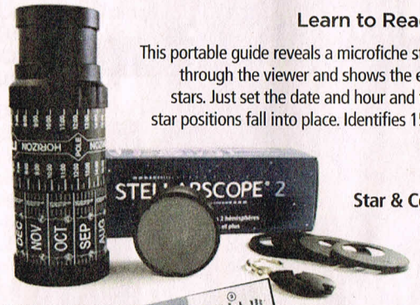
A) The Milky Way Galaxy Star Crystal
#3085058…..$89.95

B) White LED Lighted Base
#3085068…..$41.95

Own an Authentic Piece of Planet Mars

Be one of the select few on Earth to possess an authenticated specimen originating from the planet Mars. Although no NASA spacecraft yet has returned from the Red Planet, meteorites originally sourced from Mars have struck our Earth. Comprised of a distinct elemental and isotopic composition, this specimen, identified as NWA-7397, was discovered in Northwest Africa (Morocco) in 2012. A certificate of authenticity is adhered to the back of each frame. Professionally framed and mounted behind glass, the wood frame measures 11" x 14". See ***ScientificsOnline.com*** for full specimen details and provenance. This exclusive print is limited to only 1,000 pieces. Includes Certificate of Authenticity.

Mars Meteorite Print with Specimen
#3155262…..$199.95



Learn to Read the Night Sky

This portable guide reveals a microfiche star map when looking through the viewer and shows the exact alignment of the stars. Just set the date and hour and the constellations and star positions fall into place. Identifies 1500 stars down to 5th magnitude. Measures 6" L x 2.5" diameter.

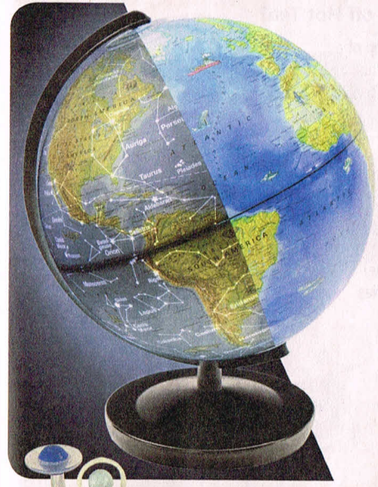
Star & Constellation Finder
#3038104…..$54.95

Pinpoint Sky Position of 500 Stars & the Planets

Our famous rotating road map of the heavens shows the location of the stars, constellations and the 5 naked-eye planets (Mercury, Venus, Mars, Jupiter and Saturn) relative to the horizon for the exact hour and date you determine. Includes a 16-page, fully-illustrated pocket size instruction booklet.

Scientifics Star & Planet Locator
#3009227…..$4.95

Pack of 25
#3070156…..$49.95



Displays BOTH the Earth and the Universe Around It

This 10" diameter acrylic globe displays a physical and political map of Earth. When the internal illumination is switched on in night mode, a map image with the most important stars and constellations shines through from the inside. AC powered. For ages 7+.

NEW! **Day and Night Globe**
#3156342…..$49.95

The Solar System Planets to Scale on Your Desk

Gain a new perspective by humbly displaying our entire planetary universe to scale right on your desk! This 4 billion-to-1 scale model measures 10.5 "x 5" and features Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. This model has been upgraded with an impressive felt-lined solid oak base.

EXCLUSIVE! **Desktop Solar System V2.0**
#3155838…..SALE $29.93…..$39.95

Shake Up a Swirling Martian Dust Storm!

A modern twist on the classic water snow globe, where the snow is a swirling Martian Dust Storm. One side features the planet view of Mars, with detailed topography of Valles Marineris and Olympus Mons. The other side features an adult and child astronaut, as a hopeful future for a Mars Colony... someday. Glass globe with a 3.9" diameter.

NEW! **Mars Dust Storm Globe**
#3157078…..$34.95

Explore the World with the Interactive Globe!

Interactive talking globe with optical reader pen features more than three hours of informative audio content. Learn about continents, countries, capital cities, surface areas, populations, currencies, languages, territories, elevations, time differences, national anthems and other interesting facts. Continue your quest for knowledge with 13 games functions and more than 500 questions divided into 3 different levels of difficulty. Additional content including augmented reality mode and digital maps available on downloadable app for tablets and smartphones. Globe requires 2 AAA batteries; optical pen requires 2 AAA batteries (not included). Made in Italy. For ages 7+.

Interactive Talking Globe
#3156600
$164.95

Clearly Projects Rotating Star Map of the Northern Hemisphere

Featuring over 8,000 stars and 61 constellations, this LED planetarium projector will bring the galaxy inside your home or office! View the complete star map of the northern hemisphere and track the paths of star movements day by day on your wall or ceiling. You can also project the star field with or without constellation names. Features sleep timer, 5-speed rotation and a random shooting star. For ages 14+. Requires 3AA batteries (not included).

Advanced AstroEye Planetarium
#3155842…..$89.95

Newtonian Physics at Its Finest – PLUS They're Cool Banks

This centrifugal force demonstration never fails to amaze. In fact, it's so fascinating that, unlike a Newton's Cradle, your friends will actually pay to see it work! Remember donating all those coins into the giant spiral bank at the local shopping mall? And staring endlessly as the coin circled 'round & 'round & 'round? Now you can bring that super cool applied physics experience into your home or office.

"Talking" Vortex Bank + FREE Vortex Bank II
#3157002…..$34.95

Padded Canvas Satchel Included!

Take a Harmonic Journey with Our Vibration Therapy Bowl

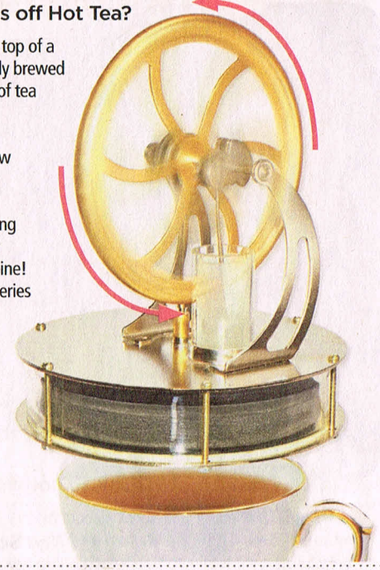
Combining contemporary technology with ancient world craftsmanship, our 8-tone tranquility drum blends the Zen-like sounds of traditional Tibetan instruments with the relaxing resonance of a tropical Caribbean steel drum. Brush with your fingertips or take light percussive strokes to create an earthy ambiance guaranteed to relieve you of the stress of our modern world. The various grooves notched into this 8" x 4" steelcylinder create its unique acoustics. Arrives with a lovely lined and padded canvas satchel with 2 mallets and a teacher's guidebook. Weighs approx. 5 lbs.

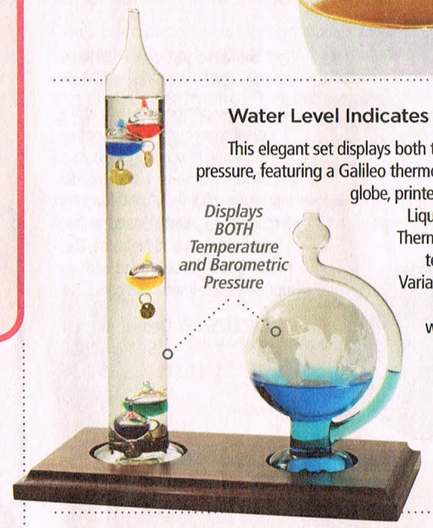
Tranquility Drum
#3156302…..$129.95

An Engine that Runs off Hot Tea?

Simply place this engine on top of a coffee mug filled with freshly brewed java or a steaming hot cup of tea and watch this portable powerhouse do its thing... for 30 minutes or more! How does it work? See ***ScientificsOnline.com*** for the science behind the Stirling engine ...Or we COULD just claim it's all about the caffeine! Metal construction. No batteries required. You supply the mug and steaming hot (or ice cold) beverage. Approx. 6" tall. For ages 14+.

Stirling Engine
#3156386…..$74.95





Water Level Indicates Weather Conditions

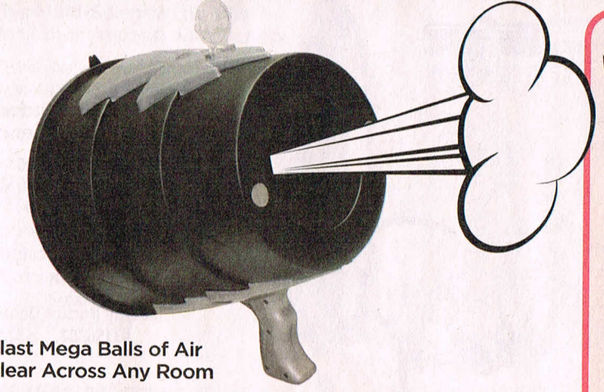
This elegant set displays both temperature and barometric pressure, featuring a Galileo thermometer and glass barometer globe, printed with a frosted world map. Liquid-filled bulbs in the Galileo Thermometer sink and rise as the temperature heats and cools. Variations in barometric pressure are revealed by the rising water level in the attractively etched glass spout. Dimensions: 13.5" x 5.5" x 9.5".

Galileo Weather Ball
#3082767…..$35.95

Use Advanced Physics to Launch a Rocket Up to 350 Feet!

This ultra-powerful rocket launcher uses pressurized water and air to propel a soda bottle up to 350 feet with gentle recovery! Squeeze the brake lever to release the rocket from a safe distance of 10 ft. -well out of the splash zone. The 120 degree tilting ball head allows terrain adjustments and wind compensation. See ***ScientificsOnline.com*** for complete details. Assembly required. Features 19 components with aluminum, stainless steel and brass parts, 160 PSI air pressure gauge and complete instructions. You supply tools, two empty 2-liter plastic soda bottles, water, and air source (bicycle or foot pump or air compressor). For ages 10+.

NEW! **StratoLauncher IV Deluxe**
#3156402…..$80.00



Blast Mega Balls of Air Clear Across Any Room

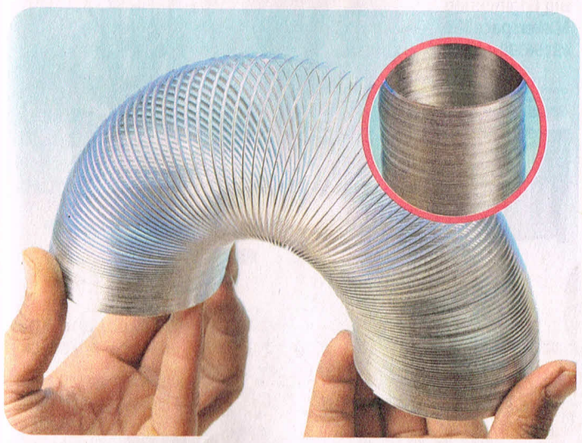
This very cool looking vortex generator shoots out harmless mega-blasts of air that can mess up a person's hair, ruffle their shirt, or blow the office papers off a desk from 20 feet away! No batteries required. For ages 5+.

Airzooka
#3060466…..$21.95

Our Ellipsoid, Stress-Relieving Spinning Top

Spin the solid aluminum 2" PhiTOP™ on the included 3.5" mirror. With practice, it will amazingly stand up on one end! Experiment with physics and electrodynamics while creating fascinating optical effects. See ***ScientificsOnline.com*** for more info on the science being displayed.

PhiTOP™
#3155648…..$19.95



Remember How this Toy Performed When We Were Kids?

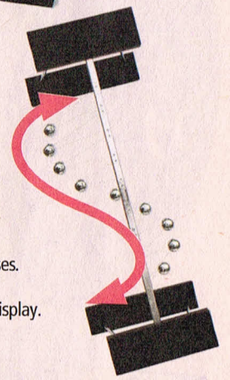
This is definitely NOT your average "mega-mart" version of a classic science toy. We demanded an enhanced version specifically designed for use by our future scientists. This wave form helix has a higher spring rate constant (k for you Hooke's laws fans out there) that allows the coil to carry more mass than those currently on the market. More mass means more momentum. Performance matters! 3" diameter, closed length 3.9", 9.8' extended.

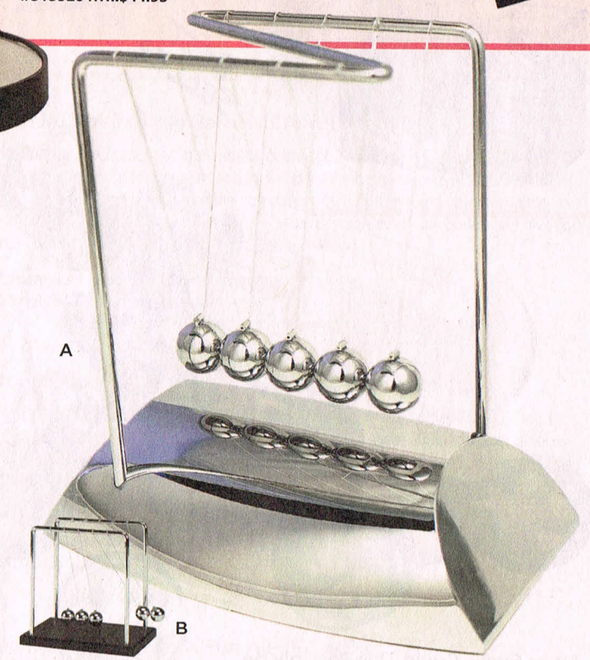
Wave Form Helix
#3152914…..$18.95

A Steady Hand is the Difference Between Harmony & Total Chaos

This unique Pendulum Wave demonstration is an eye-catching display that simulates phases, beats, and frequencies. And no, it's NOT a Newton's Cradle. Instead of the balls colliding, you use an included initiator stick to activate the pendulum laterally. When released, the pendulums will swing back and forth to quickly form a wave pattern and cycle through hypnotically different phases. This pre-assembled wood Desktop Model measures 18"x 11"x 8" and is perfect for any home or office display.

Pendulum Wave Desktop Model
#3155204…..$44.95





The Perfect Blend of Science and Art

These classic desktop displays are a 'must have' for any office, study or home lab. Swing one steel marble back, let it go, and watch as kinetic energy causes the marble on the opposite side to swing the same distance. These 7" displays demonstrate conservation of momentum and energy via a series of identically sized swinging spheres.

A) Chrome Newton's Cradle 7"
#3156861…..$21.95

B) Newtons Cradle, Large 7"
#3081502…..$19.95

Satisfying STEM Project for True Aviation Fans

This replica model of a turbofan jet engine is fully functional with motorized parts and realistic sounds. It features high and low-pressure turbines and a transparent casing so the moving parts and the combustion chamber lights can be easily seen. Contains over 50 parts and a step-by-step Haynes instruction manual. Requires 3 AA batteries (not included). For ages 14+.

Haynes Jet Engine
#3156383…..$69.95

BEST SELLER

Best Green
DR. TOY'S
2015

Air as Fuel... Could This Possibly be Another Energy Alternative?

Fast and furious, this DIY racer kit uses air as fuel. Pump the air chamber full then release the compressed air. The air expands and propels this vehicle a distance up to 50 meters in 35 seconds. A pump-up bar with a pressure meter is built into the car for easy operation. Built in safety valve. No batteries required. For ages 10+.

Air Power Racer
#3155115…..$23.95

The All-Inclusive Outdoor Rocketing Experience

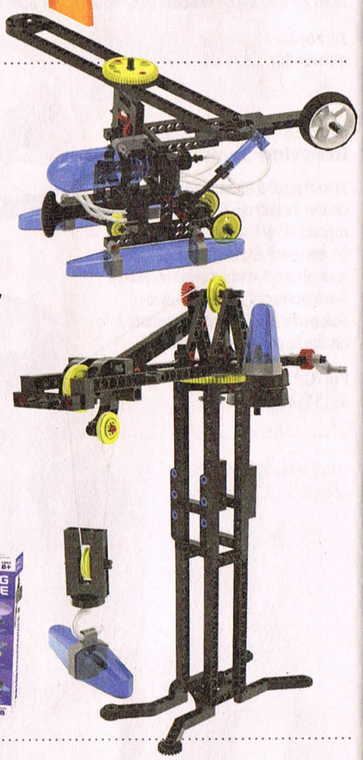
Launch a water-powered rocket 90 feet into the air with this complete physics kit. For outdoor use only. Includes 11" bottle rocket, pump, hose, valves and fins. You supply the H2O. No batteries required. For ages 7+.

Liquifly Rocket Deluxe
#3156387…..$32.95

Learn by Doing then Show What You Imagined

Explore different areas of physics and engineering design by building functional models and conducting tests. Explore marine vehicles, submersibles, buoyancy, wind power, rotation, gears, pneumatics, hydraulics, and much more. Build 20+ models (or design your own) reusing 267 parts. Includes a 128-page manual. No batteries required. For ages 8+.

Big Engineering Makerspace Kit
#3156339…..$99.95



Build and Then Race 4 Vehicles

Build and race a 4WD vehicle, an ATV, a street bike and a monster bike with this construction set for the young engineer. Over 375 plastic and metal pieces including a wrench, screwdriver, wheels, rims, seats, steering wheels, illustrated instruction manual and more! For ages 8+.

Drag Race Rally 4 in 1 Kit
#3156401…..$54.95

This Multi-Science Lab Will Peak their Interest with Variety

Present your aspiring scientist with 99 physics, engineering and chemistry challenges with this comprehensive kit. Prove the laws of physics and discover how lever and gear mechanisms work by building real working machines. Plus have fun experimenting with chemical reactions in complete safety and so much more! Includes 50+ pieces including safety goggles, and a 32-page experiment guide. For ages 8+.

Physics and Engineering Kit
+ FREE Solar Mini Cars Kit
#3157004…..$59.95

FREE GIFT WITH PURCHASE ($19.95 VALUE)

Discover the Secrets of Engineering & Mechanics

Build 50 engineering construction projects of increasing complexity with more than 250 components with this kit. Create lifting machines that actually move like the powerful mobile telescopic crane, the huge bridge crane and many others. The extensive illustrated manual explains the basics of engineering, physics and mechanics as kids experiment with the principles of how levers, pulleys, gears and motors work. Requires 4 AA batteries (not included). For ages 8+.

Mechanics Lab: Cranes
+ FREE Engino 10 Kit
#3156999….$59.95

FREE GIFT WITH PURCHASE ($19.95 VALUE)

Gain Insight into the Basics of Aerodynamics

Discover the mechanics of flight with this fantastic construction kit. Build 20 dynamic models of planes and helicopters and learn about the basics of aerodynamics. Includes more than 200 components including propellers, gears, pulleys and universal joints. Two instruction manuals will guide you through the assembly of all the models and give you great insight about the history of flight. For ages 8+.

Mechanics Lab - Planes & Helicopters
#3155879…..$44.95

Models that Teach Basic Automotive Principles

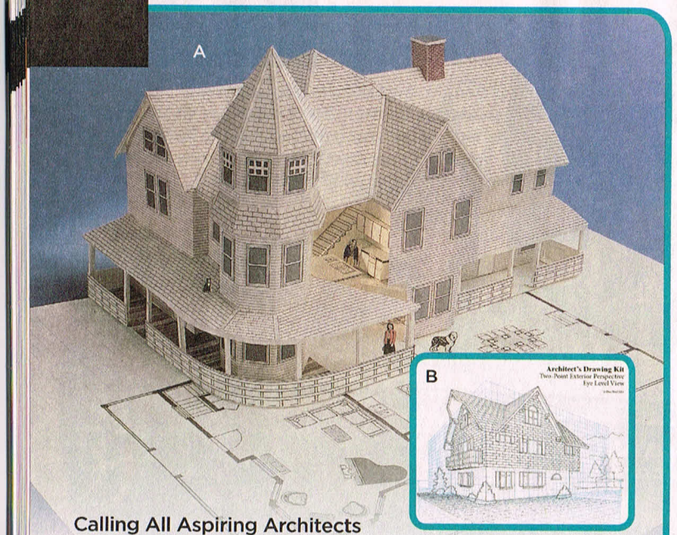
Learn the fundamentals of mechanics and engineering by building and re-building 10 different vehicles, including Monster Trucks, re-using the same 200 parts. Special focus is placed on the differential, rack-and-pinion steering and Cardan joints. Vehicles include dune buggy, ATV, dragster and more! Features a full color step-by-step manual. For ages 8+. Made in Italy.

NEW! **Mechanics Lab Monster Trucks Kit**
#3157013…..$44.95

Technology, Physics & Fun All-in-One Kit

Assemble your own 2-speed, motorized dragster plus 49 other mechanisms featuring wheels, levers, gears, pulleys and steering. Contains 250 components including electric motor and complete instructions. Requires 4 AA batteries (not included). Made in Italy. For ages 8+.

Mechanics Lab
#3155636…..$54.95



Calling All Aspiring Architects

The **3D Home Kit** provides everything you need to design floor plans and build a detailed model of a home or remodeling project – up to 6,200 sq. feet! Includes instructions, scale ruler, roofslope calculator, floor grid plan and more.

The Architect's Drawing Kit teaches how perspective drawing is used to sketch realistic looking interior and exterior house design. Includes 12 perspective drawing charts, tracing paper & instructions. Trace sample illustrations to learn how charts work and then use the charts to draw your own projects.

A) 3D Home Kit
#3082016…..$29.95

B) The Architect's Drawing Kit
#3155660…..$24.95

Teaches Practical Mechanical Physics

Conduct a series of 20 model-building experiments with this 287-piece kit. Each demonstrates a basic principle of mechanical physics or structural engineering in a hands-on way. For ages 8+.

Structural Engineering
#3155752…..$54.95

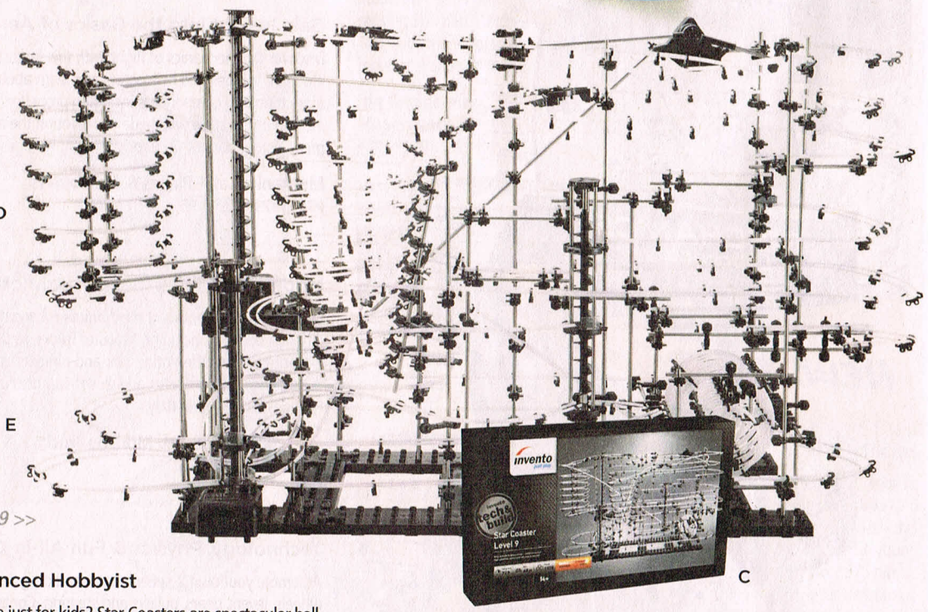
Soaring Spires, Towering Arches, Complex Curves

Build a foundation in architectural design with this 305-piece experiment kit. Assemble trusses, arches and domes to build 20+ complex models of real-world buildings like the Eiffel Tower. For ages 8+.

***NEW!* Architectural Engineering**
#3156879…..$54.95

D

E



C

Star Coaster Level 9 >>

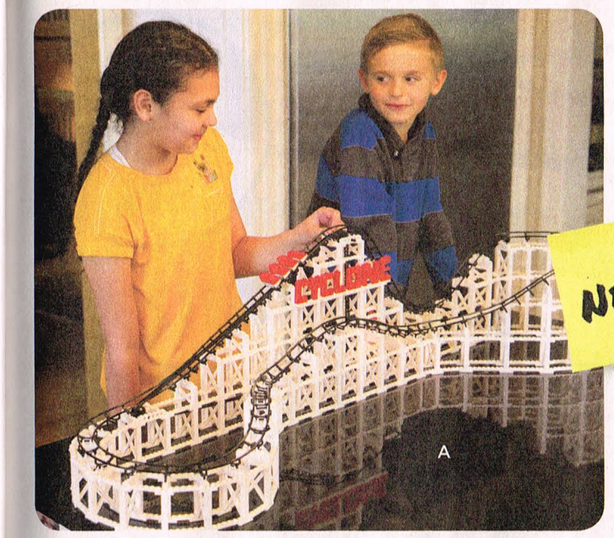
Roller Coasters for the Advanced Hobbyist

Who ever said that ball roller coasters are just for kids? Star Coasters are spectacular ball roller coasters that guarantee high-speed action rides with wild rotations, daring loop de loops and spectacular swivel motions. These ultimate challenges are for teenagers and adults alike and are available with three different levels of difficulty. For ages 14+.

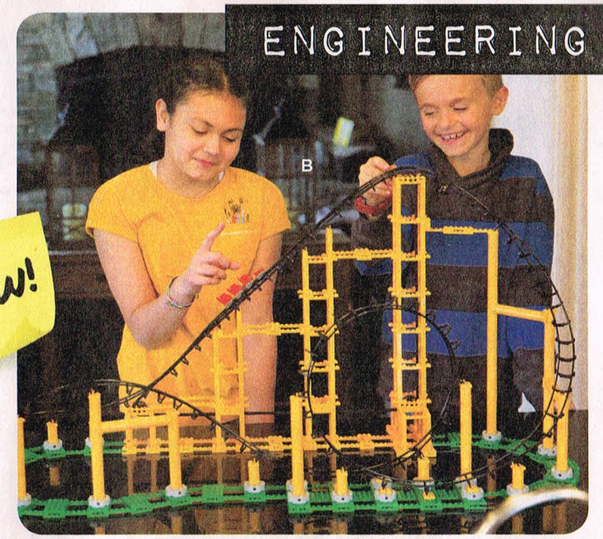
C) Star Coaster Level 9 contains 1,578 parts with 12 steel balls. Assembled size: 47" x 18" x 25". Combined rail length: 223 feet. Estimated assembly time: 24 hours.
#3155281…..$127.95

D) Star Coaster Level 5 contains 682 parts with 5 steel balls. Assembled size: 37" x 13" x 16". Combined rail length: 105 feet. Estimated assembly time: 8 hours.
#3153577…..$64.95

E) Star Coaster Level 3 contains 343 parts with 3 steel balls. Assembled size: 28" x 7" x 14". Combined rail length: 52 feet. Estimated assembly time: 3 hours.
#3153578…..$32.95



ENGINEERING



Designed by an Accomplished Roller Coaster Engineer

These engineering kits will bring the excitement of the summer thrill ride into your home all year long. The hand crank activates the chain that hoists the roller coaster to the top of the hill. Gravity takes over from there as the train races across the rails on precision machined metal wheels.

A) *NEW!* Cyclone Roller Coaster Kit:
Build the staple of America's Amusement Park Golden Age with this 900+ piece kit. Measures 48" x 15" x 10" assembled. For ages 14+.
#3156950…..$154.95

B) *NEW!* Sidewinder Roller Coaster Kit:
With its steep drop and inversion, this kit represents the best of modern-day coaster physics. Measures 38" x 15" x 19" assembled. For ages 10+.
#3156951…..$124.95

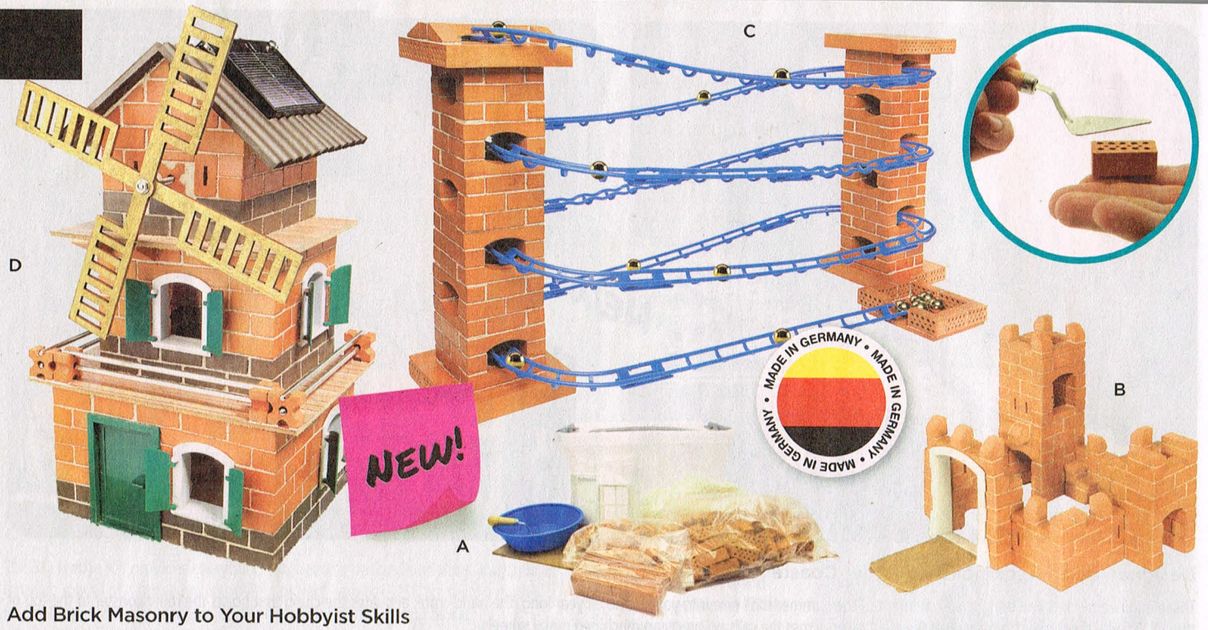
DEVELOPING FOCUS

Developed by Purdue University Engineering Graduates

This dynamic system allows kids to deep-dive into mathematical and engineering investigations as they tinker, experiment and have fun too! Made from BPA-free injection molded plastic. Download step-by-step blueprints and project guides via free app on Google Play or App Store. For ages 6+.

C) *NEW!* Bridge Builder Set:
Build multiple bridges with 620 precision molded Mini Unit Beams in 15 different shapes, and 19 hard wood Mini Unit Bricks.
#3156940…..$144.95

D) *NEW!* Crane Builder Set:
Build multiple cranes with 175 precision molded Mini Unit Beams in 15 different shapes, and 3 hard wood Mini Unit Bricks.
#3156939…..$58.95



Add Brick Masonry to Your Hobbyist Skills

These brick & mortar hobby kits include tiny clay bricks baked and dried kits exactly like real bricks. The mortar is made of fine sand and maize-extract. Add water to create the cement then use the included mini-trowel to apply. Primary bricks measure 1" x 1" x .5". For ages 6+.

A) *NEW!* Brick & Mortar Basic Set:
Includes over 100 parts- cement bowl, mini-trowel and cement – all inside a plastic storage container. No instructions.
#3156957…..$69.95

B) *NEW!* Brick & Mortar Castle:
Includes over 200 parts- cement bowl, mini-trowel and cement. Build 1 of 3 different castles. Complete instructions.
#3156960…..$69.95

C) *NEW!* Brick & Mortar Run n Roll Marble Run:
210 parts including 11.5' track, 5 marbles, cement bowl, mini-trowel, and cement. Build 1 of 2 tower marble runs up to 22". Complete instructions.
#3156959…..$99.95

D) *NEW!* Brick & Mortar Windmill Solar House:
380 parts including cement bowl, mini-trowel, cement, and 1V solar panel with high-quality gear motor. Complete instructions.
#3156958…..$199.95

Discover the First Principles of Mechanics

Because its superior design transmits rotary motion onto multiple planes, kids can build separate structures with long rotating connections. What does that all mean? It means kids can easily create multiple 3D machines with gears and pullies that all connect in one big chain reaction! This is fun tech that's totally kid powered. Includes 266 pieces of reliable, hard plastic. Made in Italy. For ages 5+.

***NEW!* Advanced Tech Gears**
#3157062…..$49.95

Our Most Versatile Marble Run –with 36 feet of Track!

This 360-piece easy-to-assemble set comes with an amazing 36 feet of track. Manually turn the gears to load the marbles and return them back to the top. Build the model as displayed here using the easy to understand illustrated instructions or use your imagination to create a limitless number of variations. Includes 6 marbles. No batteries required. For ages 7+.

Elevator Marble Run
#3156789…..$59.95

Our 1st Ever DIY STEM Amusement Park!

With over 440 parts you will be able to re-create dozens of science-y carnival midways with this combination roller coaster, race track and domino run! Young learners will not even realize they are conducting real experiments with acceleration, inertia of mass, conservation of energy and other laws of physics - because they will be too busy having FUN! Requires 4 AAA batteries (not included). For ages 6+.

Chain Reaction Amusement Park
#3156484…..$74.95

440+ PIECES

FOR AGES 6+

MOTORIZED!

Revealing Intro to Motor Science

This 11" x 8" x 4" racer features a transparent chassis giving kids a clear view of its moving 3-cylinder engine, 2-gear ratio gearbox, differential gear and front wheel steering. Big plastic parts and easy assembly. For ages 3+.

***NEW!* Discovery Racer**
#3157063…..$39.95

Create Your Own Epic Domino Show

This high-end wooden domino set includes 122 pieces featuring multiple planks, bridges, and contraptions. Set 'em up and watch 'em fall- once you've adjusted and re-adjusted your crazy design for maximum performance. For ages 3+ with adult supervision.

***NEW!* Factory Dominos Deluxe Set**
#3156952…..$54.95

Motorized Gears Inspire Creativity!

Motorized Gear Fun for Young Learners

Encourage early fascination with mechanical engineering with our Gear Up to Learn Kit! This motorized 162-piece set includes gears of varying sizes that easily connect to kid-friendly interlocking blocks. Turn on the motorized gear to instantly activate this 'spinning machine' while inspiring creativity, imagination and the love of engineering at a young age. All contained inside a clear plastic case with handles for easy storage. Requires 4 AA batteries (not included). For ages 4+.

Gear Up to Learn
#W7161028…..$34.95

BEST SELLER

MAGNETIC TRANSMISSION!

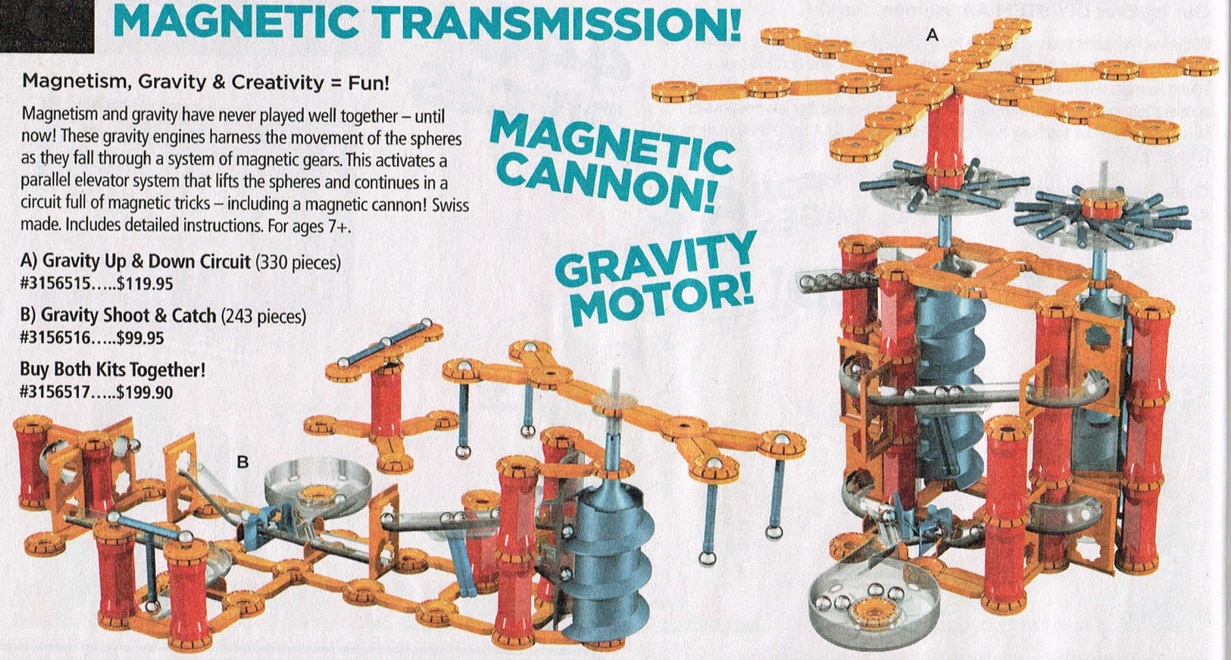
Magnetism, Gravity & Creativity = Fun!

Magnetism and gravity have never played well together – until now! These gravity engines harness the movement of the spheres as they fall through a system of magnetic gears. This activates a parallel elevator system that lifts the spheres and continues in a circuit full of magnetic tricks – including a magnetic cannon! Swiss made. Includes detailed instructions. For ages 7+.

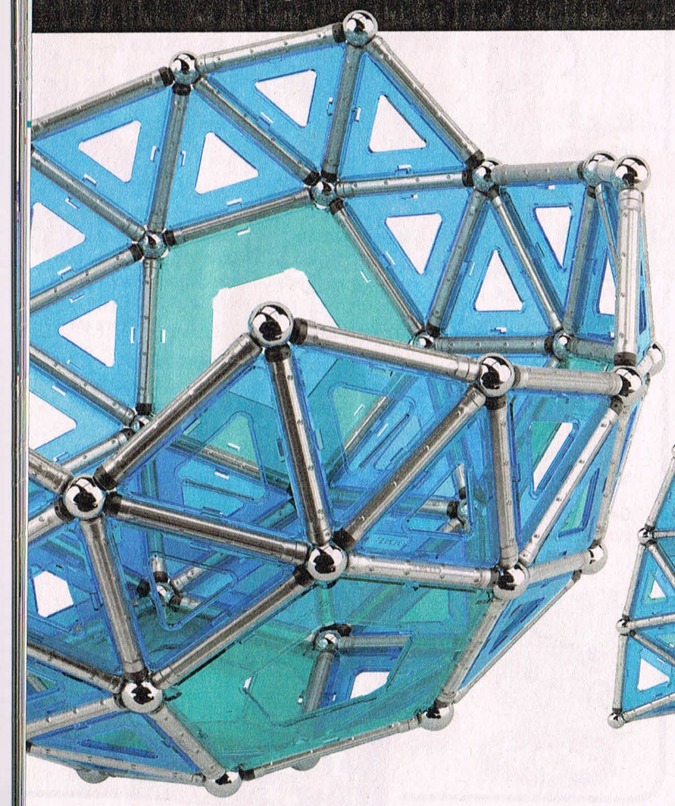
A) Gravity Up & Down Circuit (330 pieces)
#3156515.....$119.95

B) Gravity Shoot & Catch (243 pieces)
#3156516.....$99.95

Buy Both Kits Together!
#3156517.....$199.90



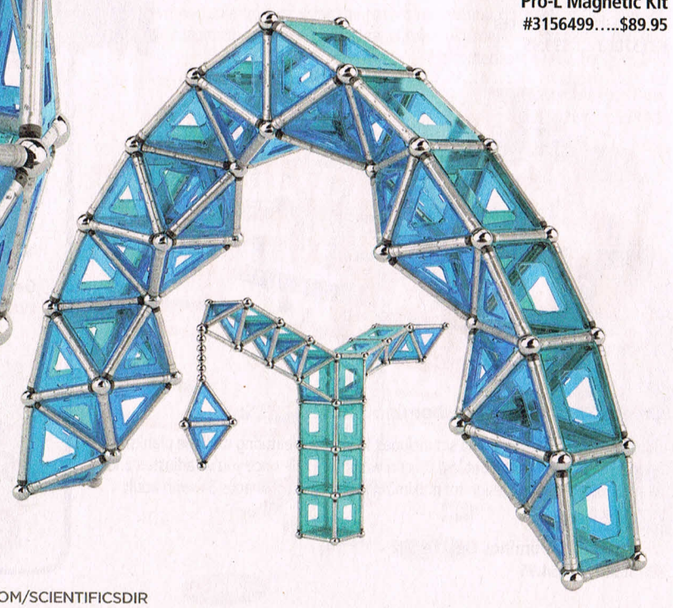
MAGNETIC ENGINEERING



110 Pieces of Pure Magnetic Force

Infused with the strongest magnets available, the Pro-L is the evolution of the classic magnetic construction system. Build spectacular futuristic structures with magnets 33% stronger than any kit on the market. The built-in polarity indicators shown on the rods allow you to create stronger magnets by combining the rod's positive polarity to increase the strength in each rod. Swiss made. 110 pieces. For ages 8+.

Pro-L Magnetic Kit
#3156499.....$89.95



Obstacle Course for Drones & Paper Airplanes

PapAir is an indoor race/obstacle course designed for use with paper airplanes and drones. This airsport kit Includes 9 total hoops (in 3 sizes) with unique attachments: 3 door hangers, 4 bases and 2 overhead hangers plus hooks, strings, suction cups, various game instructions, score pad and more! Drone NOT included. Some assembly required.

PapAir Drone & Airplane Game
#3155934.....$29.95

Forklift:
7.4" x 6.3" x 5.7"

The Best Way to Make a Friend is to Build One From Scratch

Robotics engineering combines science, math – and FUN! Your All Terrain Robot Kit can be built into three amazing variations. The forklift has the ability to lift up to 100g in weight. In rover mode, the ATR's tank-like treads roll over any type of surface. The gripper's strong arms grab, pull and lift objects up to 100g. Using the remote wired controller, have it move forward, backward, turn, grip and lift, and you've got a minion to clean your room. Requires 4 AA batteries (not included). For ages 13+.

ATR: All Terrain Robot Kit
#3152437.....$59.95

Gripper:
9.6" x 8.4" x 3.9"

REMOTE CONTROL

3 Land & 3 Sky Remote Control Vehicles in 1 Kit

Build 6 separate working RC models reusing the same 46 parts – gyrobot, drone, hovercraft, turboprop, trike and tank! Which one will you build first? The SmartCore's 'digital brain' uses a patented algorithm to control or monitor each mini-vehicle's built-in gyros and sensors. Features automatic pairing with controller. Includes built-in LiPo battery and USB charging cable. Requires 2 AAA batteries (not included). For ages 8+.

NEW! **SmartCore 6 Modular RC Kit**
#3156842.....$71.95

Create & Recreate Race Tracks of Your Own Design

Now little kids can speed a race car just like the bigger kids with this newly updated and expanded Max Flex system. Easy to snap together, the track flexes to create new twists and turns whenever and wherever you like! The Max Flex racer leaves a glowing streak in its wake showing how the racers are "burning" up the track! Each set Includes 1 remote control Tracer Racer vehicle with rechargeable lithium ion battery & 1 controller. Requires 4 AA batteries (not included). For ages 3+.

A) Max Flex RC 250 Blaze
(250 track pieces)
#3157000.....$59.95

B) Max Flex RC Set
(200 track pieces)
#3155865.....$44.95

B

A

Drift Fast & Furiously with These Light-Up RC Racers

With rear-wheel drive, these remote-control racers make drifting turns and wild maneuvers. Plus, the see-through chassis permits the spinning LED marble to illuminate each racer's body! Quick-charge their built-in LiPo batteries with the included USB chargers and you'll be racing in minutes. Includes 2 racers (red & blue - 5" x 2" x 2" each) plus hand controllers on separate channels. Requires 8 AAA batteries (not included). For ages 5+.

NEW! **RC Marble Racer 2-Pk**
#3157018…..$59.95

Light Blazing Muscle Cars Race at 500 MPH Scale Speed

These racers feature Light Trail Technology as they blaze streaks of light onto 25-feet of glow-in-the-dark tracks. Each racer beams down light rays from its undercarriage onto track specially engineered to emit glow remnants long after the racer has passed! Use in a dimly lit room for optimal performance. Remote controls require 4 AA batteries (not included). For ages 6+.

NEW! **Glow Streakers Blazin' Loop Set**
#3157023…..$79.95

LED Lit RC Flyer

Requires 4 AA batteries (not included). For ages 14+.

Sky Flyer NX RC 7.5"
#3153929…..SALE $39.93…..reg. $74.95

SALE!

Twin RC Helicopter Battle Pack

Requires 8 AA batteries (not included) For ages 14+.

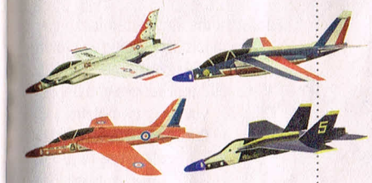
Air Terminators
#3153931…..SALE $68.93…..reg. $119.95

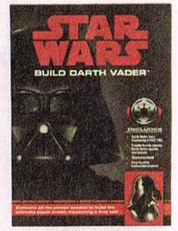
Glider Drops Payload Via Timer

Load the sky-diving pig onto the plane, set the timer, launch and try to hit the target. 26" wingspan.

Drop Zone Glider
#3155161
SALE $25.93
reg. $47.95

45% OFF





Dominate the Skies with World Power Jet Gliders

These four gliders represent the US Air Force, US Navy, Red Arrows and Patrol of France. All gliders are easy to build without tools or glue. Launch by hand or use the enclosed catapult. For ages 8+.

Aerobatic Jets
#3155480…..SALE $14.93
reg. $23.95

37% OFF

Build Darth's Helmet

Complete with a sound module that plays authentic Vader sounds and sayings, this paper craft kit includes 10 template sheets with die-cut pieces to build a 12" bust of Darth. Assembly time: 8 hours.

Darth Vader Paper Craft Kit
#3155247…..SALE $14.93
reg. $24.95

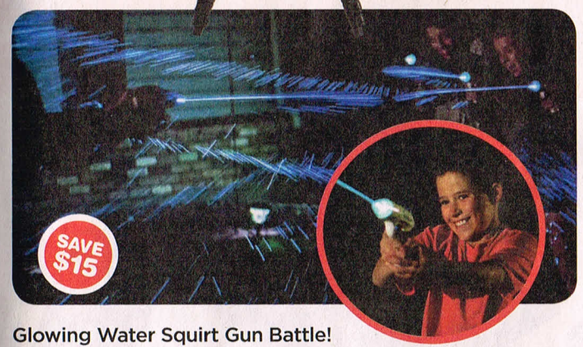
40% OFF

Awesome Deal for Outdoorsmen & Backpackers

The LandScout Backpack Kit is the perfect companion for your next outdoor excursion and provides everything you need for viewing wildlife and scenery during camping and hiking. Includes 50mm Spotting Scope, full height aluminum tripod and a high quality multi-pocket camouflaged hiker's backpack with padded shoulder straps. PALS compatible webbing plus internal and external straps keep everything in place.

Celestron 52324 LandScout Scope 50 with Backpack
#3155757…..SALE $76.93
reg. $149.95

48% OFF



Glowing Water Squirt Gun Battle!

Featuring safe and natural bioluminescence, these blasters shoot glowing water for a distance of over 12 feet! Non-toxic, synthetic and washable, the glowing blue blast illuminates on both clothing and skin then disappears nearly a minute later! The proteins activate inside the see-through nozzles of these multi-chamber squirt guns to produce the intense glow. Best played outdoors at night. Includes 2 Bioluminescent Blasters with 2 Refills (good for several hundred blasts)! See *ScientificsOnline.com* for more details on the science behind the splash! No batteries required. For ages 8+.

Bioluminescent Blasters 2 PK
#3156844…..SALE $39.93…..reg. $54.95

WARNING TO AVOID INJURY DO NOT aim at eyes or face. Use only clean tap water. DO NOT eat.

NOTE: Specimens & amber size will vary.

33% OFF

Imagine What Would Happen If You Could Bring One Back...

OK, we admit it – you will NOT be able to extract any DNA from these insects to create your own living dinosaurs, but... they are sourced directly from the amber mines located east of the city of Santiago in the El Valle area of the Dominican Republic. The included Cenozoic-era amber specimen with insect inclusion is authenticated to be genuine by a 20-year field specialist whose amber specimens have also been acquired by the American Museum of Natural History in New York and the Smithsonian. The featured amber specimen will include at least one visible (but tiny): ant, fly, wasp, termite, or other insect. Certificate of Authenticity included. Limited edition. Wood frame measures 17" x 14".

Genuine Dominican Amber (with Insect Inclusion) **T-Rex Print**
#3155654…..SALE $99.93…..$149.95

Own a Genuine Fossil from the Raptor Dinosaur Family

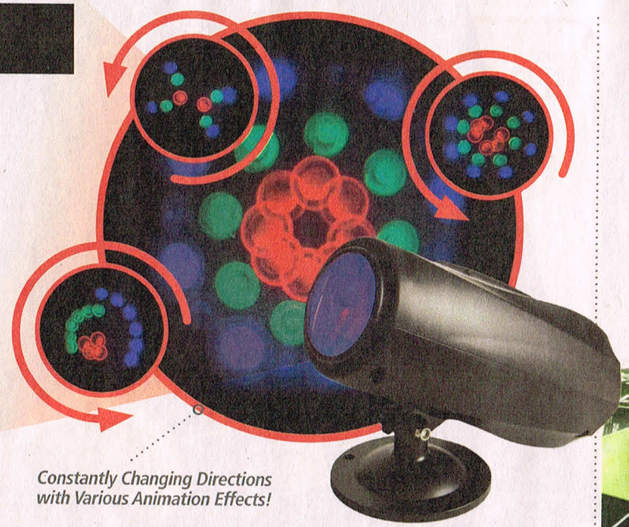
For the serious collector, this authenticated dinosaur fossil tooth fragment from a dromaeosaur (commonly known as a 'raptor') is mounted behind glass inside a 17" x 14" wood frame and includes a Certificate of Authenticity. The Dromaeosauridae clade (which includes velociraptors) were fierce predators distinguished by their slashing talons, 's' curved neck, and long stiffened tail for stabilization. This exclusive print is strictly limited to 1,000 pieces.

42% OFF

- **Limited to 1,000 pieces**
- **Includes Certificate of Authenticity**
- **Exclusive to Scientifics Direct®**

*NOTE: Included fossil is a small fragment taken from the genuine fossil tooth, NOT an entire tooth.

Velociraptor Print with Dromaeosaur Tooth Fragment
#3155655…..SALE $114.93…..reg. $199.95



Constantly Changing Directions with Various Animation Effects!

The Strongest Light Show Projector We've EVER Sold!

No matter how large or small the room (dark or fully lit), this indoor LED projector will perform beyond your imagination by turning any location into a party night club. Constantly changing directions, the various animation effects with color patterns will simply amaze! Sprays up to 25' in diameter. AC adapter included (no battery options).

The Unbelievable Light Show Projector
#W7161022…..SALE $19.93…..reg. $49.95

60% OFF

Pump Up the Excitement Like a Scientific Lab Boss

Featuring a unique pressurized valve-and-plunger system to transport and mix liquids, the Ultimate Secret Formula Lab is our absolute wildest experimentation station. Observe and control chemical reactions like a REAL scientist by performing over 40 epic experiments with chemicals that change color and temperature. Includes 33 components featuring plastic labware. No batteries required. For ages 8+.

32-Page Lab Book includes experiments like:
The Amazing Breathing Marshmallow •
Spud Bubbles •
CO_2 Detector •
Super Fizz & many more! •

Ultimate Chemical Reaction Lab
#3155416….SALE $24.93…..reg. $44.95

44% OFF

56% OFF

Build your Own Paper Block City

Punch out the 48 punch-n-fold paper shapes and start building your own city. Customize your city with 697 cool stickers and display your very own Metropolis on the included mat. No glue or scissors required. For ages 6+.

Urban Fold
#3156146
SALE $12.93
reg. $29.95

39% OFF

Use Science to Battle a Zombie Epidemic

Disgusting doll and 24-page graphic novel teach science concepts including the scientific Method. For ages 8+.

InHuman Squishy Zombie
#3153944….SALE $16.93….reg. $27.95

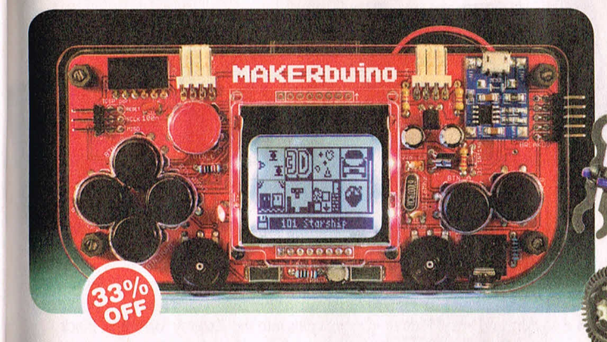
FIND 200+ SALE ITEMS AT SCIENTIFICSONLINE.COM

30% OFF

Magnetic Wand Game for the Entire Family

The Bellz pouch opens to become the game arena. Inside there are 40 custom bells in 4 colors and 3 different sizes. Players use the magnet wand to pick up bells of only one color. Make a string off the end of the magnet wand, or create a cluster — just don't pick up bells of any other color. First to collect all 10 bells of one color wins! For 2-4 players ages 6+.

Bellz
#3155333…..SALE $15.93…..reg. $22.95

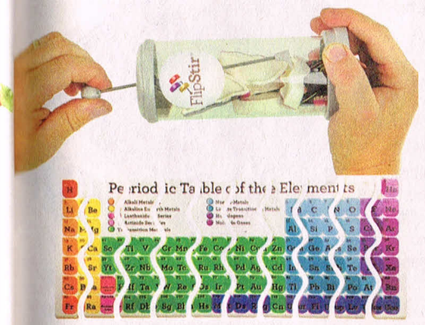


33% OFF

Arduino Game Console Fits in the Palm of Your Hand

This hand-held 8-bit Arduino powered game console is open source so you can download 50+ free games or create your own video games! Also includes an SD card pre-loaded with fun retro games. Measures 6.3" x 6.5" x 1.6". Charges via USB. For ages 14+. See ***ScientificsOnline.com*** for full specs.

Fully Assembled Game Console Kit
#3156623….SALE $59.93…..reg. $89.95



40% OFF

Periodic Table Brainteasing Puzzle

Unique concept where pieces are manipulated inside a chamber with a claw arm. Measures 7.5" x 3". For ages 7+.

FlipStir
#3155004….SALE $14.93…..reg. $24.95

55% OFF

Foot-Powered Ice Cream Maker

Makes 1.5 pints of ice cream in 20 minutes! You provide ingredients.

Bigfoot Ice Cream Maker
#3155825…..SALE $19.93…..reg. $44.95

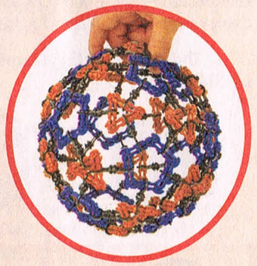
CLEARANCE

42% OFF

NOT Your Ordinary Block Toy

Are your kids bored with building simple structures with play blocks? Get their gears turning again with KnuckleStrutz! Young builders will love creating interactive vehicles and geometric structures with a multitude of moving axle & pivot joints, inverted claws and gears for unlimited connection possibilities. Includes 483 pieces for 7 building different models. BONUS: Includes a parent's guide to teaching Geometry basics (grades 4-7) using Knucklestrutz! For ages 6+.

KnuckleStrutz Kit
#3153275…..SALE $59.93…..reg. $104.95

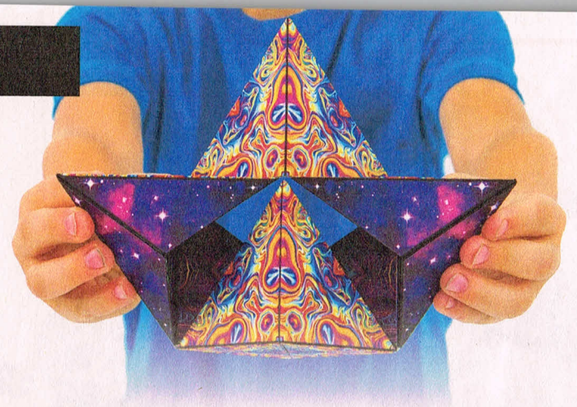


31% OFF

Set Your Blasters, Detonate & Demolish!

Build a giant warehouse – and then demolish the monumental structure with strategically placed detonators – all the while getting inside the science of power, force, momentum and gravity! Mix and match 100 pieces to build unlimited structures. Kit includes a sound effects detonator, three blasters and 96 building parts. Requires 3 AAA batteries (not included). For ages 8+.

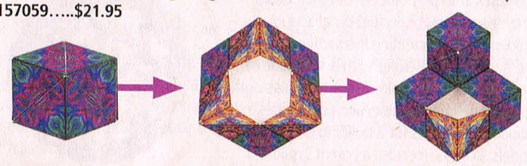
Destruction Lab
#3156605…..SALE $23.93…..reg. $34.95

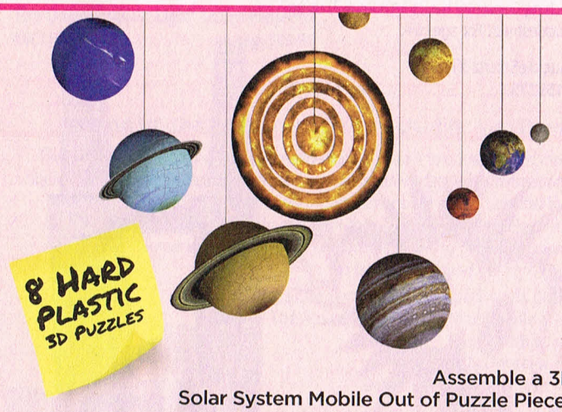


Mystifying Magnetic Puzzle

Transform this 2.25" square box into 70+ shapes up to 8" wide! Create kaleidoscopic effects as you twist and fidget using the imbedded magnets to create wild geometric shapes. For ages 8+.

NEW! **The Shape-Shifting Magnetic Box** *Transforms into 70+ Shapes!*
#3157059…..$21.95





Assemble a 3D Solar System Mobile Out of Puzzle Pieces

This activity set includes eight 3D planet ball puzzles. The 522 hard plastic puzzle pieces feature easy click technology- no glue is required! The puzzle pieces are numbered on the reverse side for easy assembly. Scaled to represent the different sizes of the planets, globes range from 108-piece Saturn to 27-piece Mercury puzzles. Display all on included stands or hang as a mobile when finished! For ages 7+.

NEW! **Ravensburger 3D Solar System Puzzle Set**
#3157053…..$69.95

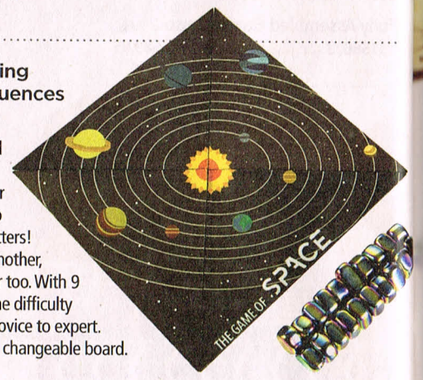
Create String Art Masterpieces

It's easy, fun, and artsy! Kids simply push pins into the 3 sturdy foam 8.5" black canvases and string away – no hammer or nails required. Design your own or use the included rocket, planet or star patterns. Also includes metallic threads and pins, plus instructions to complete all 3 designs. Perfect for boy or girls. Caution: contains sharp pins. For ages 10+.

NEW! **String Art Kit – Space**
#3156827…..$21.95

A Game with Jarring Magnetic Consequences

Lay all your 10 magnets down on the game board one at a time for victory. Simple, right? Except your opponent is also trying to do the same. Polarity matters! If your magnet attracts another, you now own that cluster too. With 9 game board variations, the difficulty quickly intensifies from novice to expert. Includes 20 magnets and changeable board. For 2 players ages 14+.



Polarity Matters – Magnetic Space Game
#3156537…..$24.95

WARNING THIS PRODUCT CONTAINS SMALL MAGNETS. Swallowed magnets can stick together across intestines causing serious infections and death. Seek immediate medical attention if magnets are swallowed or inhaled.

Paint by Science- NOT Numbers

This unique canvas absorbs paint in some areas and repels it in others. Mix and create a range of colors on the magic canvas creating a masterpiece after every brush stroke. Each kit includes non-toxic water colors and paint brush.

Aquarellum Reef Paint Poster
(One 19" x 25" Canvas)
#3157106…..$22.95

Aquarellum Space Paint Kit
(Two 12" x 9" Canvases)
#3156390…..$19.95

Forget Traditional Dice- Spin this Wheel of Destiny!

Replace your traditional dice with this 'showcase showdown'-like spinning wheel! You'll love the gameshow-like suspense as this contraption randomly selects a number from 1-6. This 50-piece wood kit takes approx. 1 hour to assemble. No glue required. Measures 5" x 5" x 4". Use it with any board game where you need dice- but for fun a sample board game is included too! For ages 14+.

Wheel of Fortune Spin-o-Matic Kit
#3156327…..$34.95

Classic Wood Brain Teaser

Imperial Steps Puzzle (3.5")
#3156299…..$12

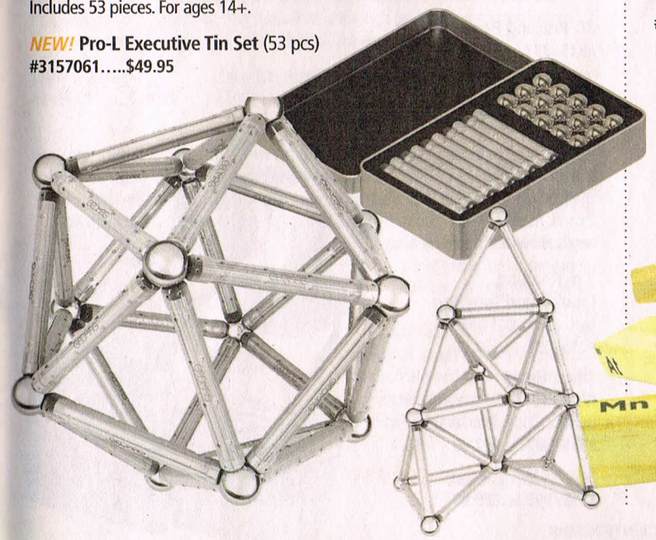
Rebounding Shuffleboard Game for the Whole Family

NEW! **Shuffle Shot** (10" x 20" x 1")
#3157068…..$24.95

Intriguing Magnet Set Designed for Adult Play

This highly charged collection of magnetic sticks with steel balls makes the perfect desk toy for physics-loving adults. Tightly packed in a convenient storage tin that doubles as a display board, our executive gift tin allows you to experiment with polarity as you create your own geometric structures that move, spin and react. Includes 53 pieces. For ages 14+.

NEW! **Pro-L Executive Tin Set** (53 pcs)
#3157061…..$49.95



Play Competitive Sudoku on an Heirloom Game Board

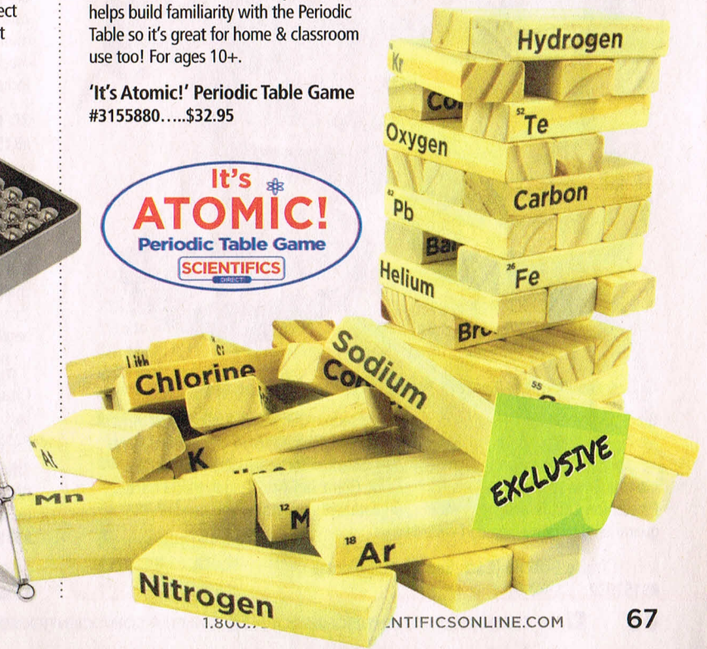
Exercise your logical reasoning while playing Sudoku on this beautifully finished wood board with double-sided pieces. This addictive strategy challenge can be played individually, competitively, as well as in a family setting. Includes 90 large pieces & 90 thinking pieces plus starter puzzles with game directions. Features sliding drawers for playing piece storage. Measures 11" x 11" x 1.7".

NEW! **Deluxe Sudoku Wood Board with Drawers**
#3157081…..$44.95

This Game Makes Geeks Go 'Ba Zn Ga'!

In theory, the game may look familiar but this wood brick tower is re-designed for the true geek at heart. Chemistry fans with a flair for the Periodic Table will get a real big bang out of this new twist on the tumbling tower classic. Features three rule variations: Traditional Brick Tower, Atomic Rules and For Advanced Geeks Only. 'It's Atomic!' helps build familiarity with the Periodic Table so it's great for home & classroom use too! For ages 10+.

'It's Atomic!' Periodic Table Game
#3155880…..$32.95



Grow a Tiny World Within a World

Watch this fascinating collection of Carnivorous Plants sprout, grow, trap and devour their prey! This hand-made high-quality glass terrarium contains a tiny terrarium within a terrarium and is the perfect container for meat-eating plants. After sprouting, these plants will thrive in the planters for years. Complete with everything you need (10 seed varieties of Carnivorous Plant) and guaranteed to grow- just add water!

NEW! **Terrarium in a Terrarium- Carnivorous Creatures**
#3157031…..$34.95

Create a Breath-Taking Miniature Desert Garden

Grow a wide variety of cacti, succulents, and sedum in our top quality hand-crafted Triple Sphere Glass Terrarium. Easy to sprout and even easier to grow, these plants require minimal care and will thrive in the terrarium for years. Water just once a month! Grow over a dozen plants including Giant Saguaro, Golden Barrel Cactus, Pincushion Cactus, and many more. Complete with everything you need and guaranteed to grow- just add water!

NEW! **Triple Bubble** (Cacti, Sedum, Succulents)
#3157032…..$34.95

Sometimes 'Big Brother'... is Just Your Little Brother

Kids will use interchangeable pieces of tubes and mirrors to create wacky periscopes of different shapes and sizes. Totals 6.5' long. For ages 5+.

NEW! **DIY Adventure Periscope**
#3156817…..$28.95

WARNING: Choking hazard. Toy contains a small ball. Not for children under 3 years.

Give Frosty a Warm Hug to Launch His Snowballs!

Just squeeze this festive 6" rubber toy by its jolly belly to send a soft foam 'snowball' sailing across the room. Includes six soft foam balls. For ages 4+.

Snowman Popper
#3155020…..$9.95

The Easiest (and Safest) 3D Pen Available Today

Making cool 3D models just a got a lot easier with our new Creative 3D Printing Mega Pen. The included templates guide you through the creation of fully formed dragons, unicorns, race cars and more! Includes 22 multi-colored plastic coils so you can make plenty of models of your own design too! Safe to the touch, our pen operates via the included USB cable or 4 AA batteries (not included). For ages 8+.

3D Printing Pen Mega Kit
#3156397…..$99.95

Draw, Tote, Erase & Repeat!

Yes, you LOVE science and you're proud of it (as well you should be!). Promote your love of learning with these customizable 100% cotton canvas tote bags. The fabric chalk board allows you to promote your science of choice by using the included 2 chalk markers. When you're finished, simply wipe it clean with a wet cloth and begin anew! Each tote measures 14" x 15" x 3" plus 22" handles.

'I'm Reading…' Chalkboard Tote Bag
(with 2 Chalk Markers)
#3157096…..$22.00

Silver Heart Chalkboard Tote Bag
(with 2 Chalk Markers)
#3157097…..$22.00

Buy *BOTH* Tote Bags & SAVE $5!
#3157098…..$39.00

Light Up the Night with Strap-On Rollers

Simply use the included Allen wrench to tighten these wheels onto the heels of your child's own sneakers. Start rolling and they instantly activate the built-in LED light show! Features high quality ABEC bearings and a carrying bag. For ages 8+ with a maximum weight of 175 lbs. Use of safety pads and a protective helmet highly recommended. Adult supervision advised.

NEW! **Flash Rollers** (1 Pair)
#3157007…..$24.95

Blast Safe Vapor Rings Across the Room - Up to 14 Feet!

The Zero Blaster launches 2-6" non-toxic fog rings that sail up to 14 feet! Easy to use, a great stress buster and with practice you'll be able to create bigger and better rings. Features LED lights, fine tuning ring effects dial and sound effects. Includes 3 ounces super fog-ring fluid. That is enough for over hundreds of vapor rings! Requires 6 AA batteries (not included). For Ages 8+.

Zero Blaster
#3156616…..$29.95

Zero Blaster Replacement Fluid - 3 oz.
#3052119…..$4.95

Combines an 80's Moon Walk with a 70's style NASA Moon Walk

With Moon Shoes, kids have incredible fun as they jump with anti-gravity effects while developing balance and coordination. Featuring Velcro® brand nylon straps and a self-centering shoe platform with a no-skid grip, they are like mini trampolines for your feet! Fits up to men's size 9 shoe. Maximum weight: 130 lbs. For ages 7+.

Moon Shoes (1 Pair)
#3155584…..$49.95

A

Re-Designed Laser Blasters are Real Gamer Changers

With the newly redesigned Morphing Blasters, the laser game targets can now be incorporated directly into these upgraded Blasters! So now there are 3 ways to play this laser tag game: the traditional Blaster to Receiver, Blaster to Game Target, and now Blaster to Blaster! Includes 2 Double Morph Blasters (with 300' range), 2 Receivers (green/yellow) and 1 game target. Compatible with all other Laser X blasters and accessories. Requires 6 AAA batteries (not included). For ages 6+.

A) *NEW!* Laser Morph Blasters
(2 players)
#3156953…..$74.95

B) Laser Battle Pack
(2 Players)
#3156606…..$54.95

Two-Player Fun for Both Indoor and Outdoor Battles!

Two-Player Pump Action Poppers

Just pump the handles back and forth to safely launch the eight foam balls in rapid succession up to 20 feet! Includes 2 Shooters and 32 soft foam balls (that's 8 power poppers for each shooter PLUS 16 bonus power poppers for quick re-loading!) Maximum fun for both indoor and outdoor play. For ages 6+.

Popper Battle Pack
#3156300…..$29.95

Become a (Temporary) Tattoo Artist!

Create over 400 colorful, sparkling tattoos with this professional motorized airbrush machine. Features three different design methods- using our airbrush, body glue & glitter, or with special tattoo markers. These temporary tattoos will last for several days when carefully applied. Includes airbrush machine, 260+ tattoos (for boys & girls), 160 stencil stickers in 20 different designs, 12 airbrush markers, 8 tattoo markers, 14 tubes of glitter, body glue, etc.. Requires 4C batteries (not included). For ages 7+.

NEW! **Deluxe Airbrush Tattoo Workshop Kit**
#3156970…..$44.95

Cut It! Sew It! Dye It! Accessorize It!

This pedal operated sewing workshop is an on-trend fashion kit that teaches how to operate a real battery-powered sewing machine; and how to create tie dye art. Includes patterns and enough fabric for 2 pillows and 1 top; 6 plastic bottles of special textile powder, various beads, gemstones, ribbons and threads to accessorize your creations. This workshop will have you on your way to becoming a true Fashionista! Requires 4 AA batteries (not included) Dimensions of both the pillows and the top are 15.7" x 15.7" (stuffing for pillow not included). For ages 8+.

NEW! **Pedal Operated Sewing Workshop**
#3156396…..$99.95

2-in-1 Motorized Artist Wheel with Accessories

Design both amazing pottery and crazy wall paintings with this 2-in-1 motorized art wheel. Customize beautiful pottery using your own 2 hands and the included tools, clay and paint. Or convert the machine into a splash art studio and paint original masterpieces using the included paint, glitter and paper. Machine measures 8.75" x 10.5"x 8.5". Full instructions included. Requires 2 C batteries (not included). For ages 8+.

NEW! **Pottery Wheel & Splash Art Kit**
#3156969…..$44.95

Real Kitchen Utensils Designed & Sized for Young Hands

Adult kitchen utensils can be difficult for children to handle. Unlike common toy sets, these quality baking tools are sized to suit your child's grip. For ages 6+.

The 25-piece real tool Deluxe Baker's Set includes: silicone spatula, pastry brush, mixing spoon, silicone cake mold, silicone loaf pan, silicone baking cups, cookie turner, whisk, 4 cookie presses, and 8 recipe cards.

A) *NEW!* **Real Utensils - Deluxe Baker's Set** (25 pieces)
#3157083…..$44.95

The 75-piece real utensil Ultimate Baker's Set includes: rolling pin, 6 measuring spoons, bowl (anti-slip base), 10 cookie cutters, 2 mini cake pop trays (6 holes), mini stand for cake pops, 25 cake pop sticks, decorating pen, 3 piping bags+ 8 nozzles, 4 decorating cutters, 6 silicone mini baking cups, mini cupcake tray, mini tart pan and more! For ages 6+.

B) *NEW!* **Real Utensils - Ultimate Baker's Set** (75 pieces)
#3157082…..$54.95

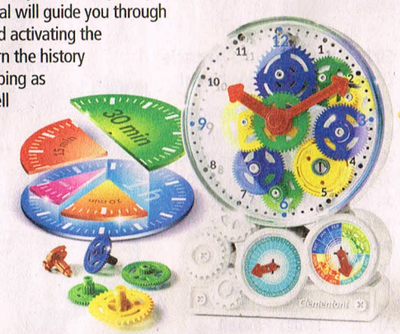
Experiment with Animation Technology

With 6 different modes of experimentation, this animation kit combines a Zoetrope with a Phenakistoscope and an adjustable LED strobe to produce a variety of really cool animation effects. You'll be able to customize your own moving Illusions too! Some assembly is required. This optical experimentation kit includes 95 pieces and full color instruction manual. Requires 4AA batteries (not included). For ages 8+ with adult supervision.

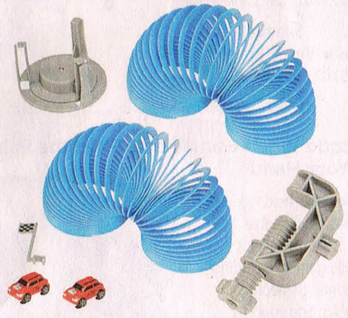
NEW! **Multi-Functional Moving Pictures Kit**
#3156963…..$34.95

Time Management -the Old Fashioned Way

Discover the secrets of time by assembling the gears of a real working clock. The fully illustrated manual will guide you through winding up the spring and activating the pendulum. You'll also learn the history and evolution of timekeeping as well as how to actually tell time, of course! Includes 20+ pieces. Once assembled, measures 8" x 6" x 1". Made in Italy. For ages 8+.



Timepiece Laboratory Kit
#3156375…..$29.95



Race Down a Slinky!

Hang the included Slinky off any table or counter top with the included clamp. Now place the included mini-car at the top and watch the racer run around the entire Slinky! It's a race to the base! But you've got to have two to have a race, right? This 2-pack includes 2 Slinkys, 2 mini-racers and 2 clamps. Mini -car colors and styles will vary. For ages 5+.

Slinky Racer 2-Pk
#3156514…..$24.95

Astonishing Feats of Paper Engineering

These totally glue-less paper kits are automatons – moving machines, utilizing an impressive array of mechanical principles including: cam, rachet, lever, rack and pinion gears. Push out the cardboard pieces from the frame and slot them together by following the instructional manual. Once assembled, turn the handle to watch the machines come to life! Includes 80 parts made from thin cardboard and card stock paper. For Ages 8+.

A) *NEW!* **Magnificent Flying Machine Kit**
#3156801…..$24.95

B) *NEW!* **Magnificent Dinosaur Machine**
#3157066…..$24.95

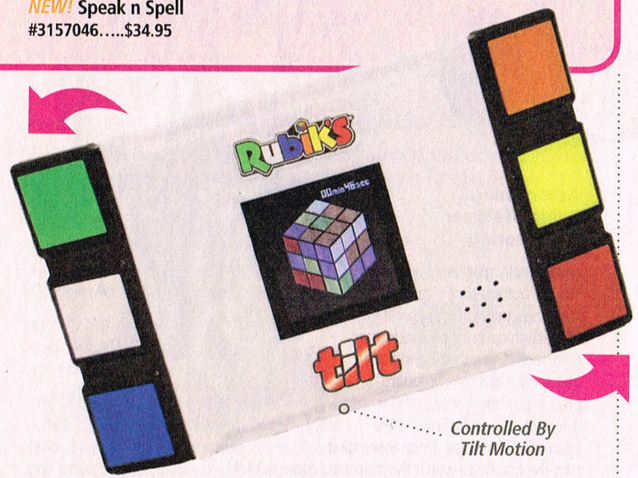
Buy *BOTH* & SAVE $10!
#3157077….SALE $39.90
reg. $49.90

OFF GO REPLAY REPEAT CLUE MYSTERY SECRET WORD CODE LETTER SAY IT SPELL ON
A B C D E F G H I J
K L M N O P Q R S T
U V W X Y Z
VOLUME ERASE ENTER
Speak &Spell
NEW!

Speaks & Sounds Exactly Like You Remember!

Regardless of what you'll hear kids claim today, spelling still DOES matter. This classic learning toy from the '80s will help your kids make spelling fun (and important) again! Using the original speech synthesizer technology, this classic throw-back teaching aid also features 5 play modes with word games and multiple challenge levels. Requires 3AA batteries (not included). For ages 7+.

NEW! **Speak n Spell**
#3157046…..$34.95



Controlled By Tilt Motion

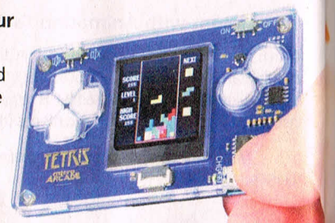
Tilt Control Adds a Crazy New Twist

The classic puzzle is now an electronic video game controlled by tilt motion! Tilt forward, backward, left and right to turn rows and sides on the digital gameplay screen. Measures 5" x 1" x 2". Required batteries included. For ages 8+.

NEW! **Rubiks Tilt Motion Mini Video Game**
#3157024…..$24.95

Video Game Fits inside Your Wallet Like a Credit Card

This super thin (but durable) hand-held video game is a playable replica of the classic arcade game; including authentic gameplay, graphics and sounds! Measures 3.5" x 2" x .28". For ages 8+.



NEW! **Micro Arcade Tetris**
#3157085…..$21.95

Turn Your Smartphone into a Virtual Racetrack

Apply these non-stick & non-scratch racers to the top of your smartphone screen and get ready for some incredible arcade-style action! Download the two augmented reality race course apps and these plastic cars will react to your game play with lights, sounds and vibrations! Smartphone required (not included). Apps available on Google Play and App Stores. Includes 2 racers with holsters and USB charging cables. For ages 8+.

NEW! **Smartphone Racers**
(2-pack)
#3156956
$24.90

Bring the Classic Arcade Experience Anywhere!

Play real working TINY versions of arcade classics on digital gameplay screens! Features fully electronic play with working flipper buttons on Pinball. Skeeball features ball position control and a velocity button! Required batteries included. Measures approx. 2" x 3" x 4". For ages 8+.

A) *NEW!* **TMNT Pinball Mini Arcade Video Game**
#3157026…..$21.95

B) *NEW!* **SkeeBall Mini Arcade Video Game**
#3157027…..$21.95

Arcade Video Games that Fit in the Palm of Your Hand

These hand-held video games are playable replicas of the classic arcade games; including authentic gameplay, graphics and sounds! Each measure 3.5" x 1.8" x 1.6". For ages 8+.

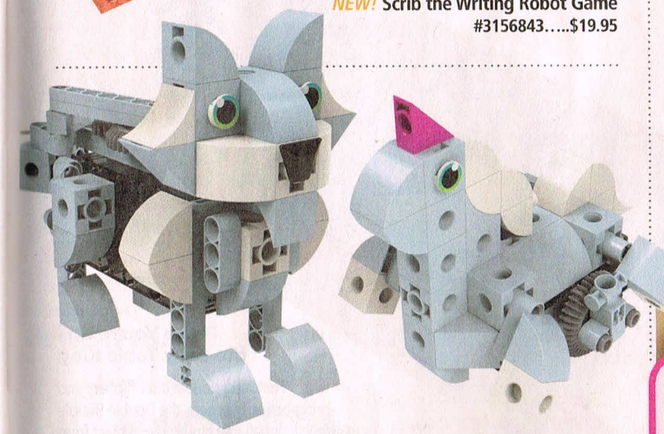
C) *NEW!* **Tiny Arcade: Ms Pacman**
#3157064…..$21.95

D) *NEW!* **Tiny Arcade: Pole Position**
#3157065…..$21.95

An Early Learning Puzzle Solving, Line-Following and Coding Robot

This writing robot is ready to code, follow lines and complete puzzles right out of the box. There are three ways to play: free style, a 70-piece puzzle that forms a maze race, or with the STEAM activity book. Required batteries are included. No computer or smartphone required. For ages 3+.

NEW! **Scrib the Writing Robot Game**
#3156843…..$19.95



Adorable Moving Robots Kids Can Build with Ease

Kids can build 8 different motorized animal robots reusing the same 146 parts with this early learner engineering kit. Built with large, cubic plastic pieces that are easy for small hands to assemble; these animals all move in unique robotic ways: a polar bear, cat, narwhal, crab, fox, baby llama, unicorn and sea otter. Includes a fully illustrated 32-page instruction manual. Requires 2 AA batteries (not included). For ages 5+.

NEW! **Kids First Robot Safari**
#3157022…..$29.95

Clap Your Hands to Activate these Cute Talking Robots

Pet_Bits hear, move, and dance according to the number of times your child claps their hands. These friendly little robots also record your child's voice and reproduce it with a robotic effect. The Dog and the Cat Pet_Bits have their own different personalities and interact with each other using cute electronic sounds to talk to each other! Download the free app to your smart device and these two Pet_Bits will lead your child through early coding basics in an age-appropriate way. For ages 4+.

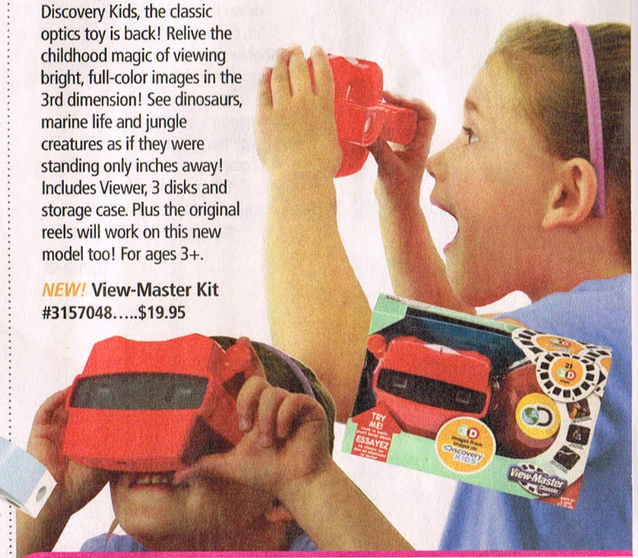
NEW! **Pet_Bits Dog + Pet_Bits Cat**
#3157015…..SALE $49.90…..reg. $59.90

SCIENCE FUN

Clickety, Click... Ohhh!... Clickety, Click... Ahhh!

Featuring 21 3-D images from Discovery Kids, the classic optics toy is back! Relive the childhood magic of viewing bright, full-color images in the 3rd dimension! See dinosaurs, marine life and jungle creatures as if they were standing only inches away! Includes Viewer, 3 disks and storage case. Plus the original reels will work on this new model too! For ages 3+.

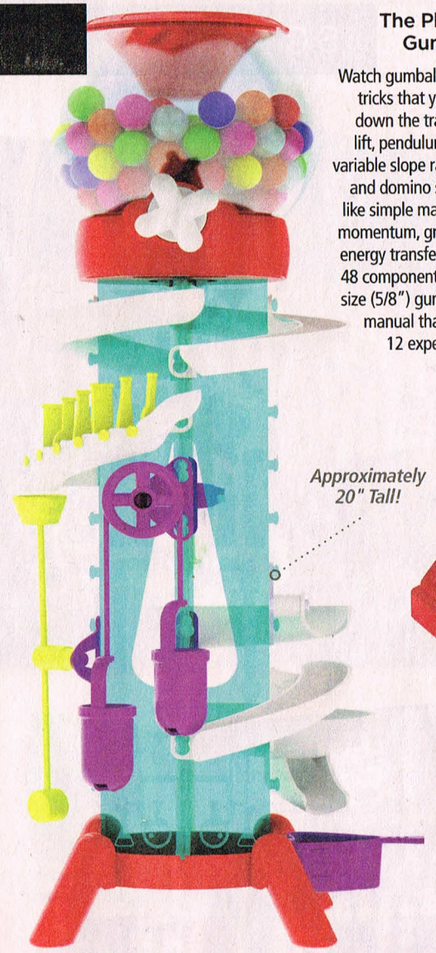
NEW! **View-Master Kit**
#3157048…..$19.95



Cause & Effect – Fun Leads to Learning!

Start your child off early with computational thinking with this unplugged coding toy. Combining problem solving skills with hand-eye coordination, Pallino 2020 teaches basic coding by having kids utilize logic to create various mosaic design patterns onto a grid. Using a series of button and switches, kids position the multi-colored beads according to the corresponding coding card. No batteries required. It's fun for everyone... but designed for ages 6+. Made in Italy.

NEW! **Pallino Coding 2020**
#3157006…..$49.95



The Physics of Crazy Gumball Machines

Watch gumballs perform stunts and tricks that you design as they roll down the track! Includes a pulley lift, pendulum, funnel, trampoline, variable slope ramp, pinball launcher and domino slide. Exploring topics like simple machines, force, motion, momentum, gravity, Newton's laws, energy transfer and more! Contains 48 components and a few standard size (5/8") gumballs plus a 16-page manual that guides you through 12 experiments. For ages 6+.

NEW! **Gumball Machine Tower**
3156880…..$44.95

Approximately 20" Tall!

NEW!

Prove You're Still the Bally Table King

Featuring double duel-flippers and spring-action bumpers, the Double Bubble Gumball Pinball machine is a real blast from your past! Featuring an automatic digital scoreboard as well as electronic lights and sounds, this tabletop-sized arcade game brings home the fun for all ages by using standard size (5/8") gumballs instead of pinballs! Measures approx. 22" x 10" x 10". Includes 12 gumballs. Requires 3 AA batteries (not included). For ages 8+.

NEW! **Double Bubble Pinball**
#3156913…..$49.95

Holiday Fun for the Entire Family!

The Tree-mendous ornament decorator is a fun, creative way for kids and adults to design their own tree ornaments. Place 1 of the 9 included ornaments into the base, turn it on and watch the spinning begin! As the ornament is spinning gently apply 1 of the 8 included multi-colored markers to add rows and rows of color without any mess! This exclusive kit includes 9 ornaments to decorate for yourself or to give as gifts. Includes connectors (you supply the hooks). Requires 4AA batteries (not included).

Treemendous Ornament Maker MEGA Pack
(Includes 9 White Ornaments)
#3156585…..$34.95

EXCLUSIVE

Chaos Tower

Motorized!

PHYSICS FUN FOR THE ENTIRE FAMILY!

Over 6 feet tall, our mega-tower resembles the world's biggest game of Mouse Trap. These perpetual motion models feature tons of stunt pieces for designing loop-de-loops and hair-raising turns. A long chain-drive lift, trampolines, basket elevators and swirling vortexes send the Chaos Tower balls rolling and flying into action. Each move triggered by the one before it, the path of your ball is entirely up to you. Decide its destiny over and over again, because there are so many configurations to experiment with. Build it, test it, break it down and start all over again.

All Chaos Tower pieces are plastic and easily assembled without any tools. Whether fully assembled or in progress, the Chaos Tower is lightweight and fully portable. For ages 8+.

Chaos Tower
#3151726...SALE $119.95...REG. $134.95

SAVE $15

SALE!

Ramp Up the Chaos with This Exclusive Expansion Kit

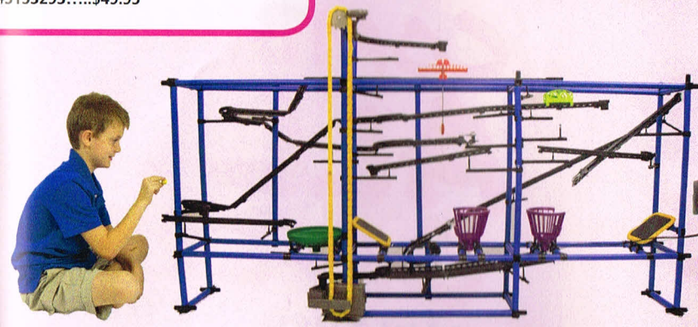
This exclusive Accessory Pack is designed to maximize the potential of "The Chaos Tower" (item #3151726). Pack includes the wild new Spiral Stunt and new Bell Stunt, PLUS 83 additional Chaos Tower expansion parts (see our web site for complete list).

Accessory Pack (83-pcs)
#3153293…..$49.95

500+ PIECES

6 FEET TALL!

FOR AGES 8+



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DETAILS: Our SPECIAL SHIPPING RATES also apply! Offers expire 11/24/19. MAXIMUM number of items wrapped for FREE per order: **10**. EXCLUSIONS: The following items are NOT eligible for this promo: Any telescope, DIY Vintage Pinball (p 7), Stanley Jr. Work Bench (p36), and Chaos Tower (p 75).

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